

SELECTION TEST / INTERVIEWS

ACADEMIC & INTELLIGENCE TESTS

BASIC RELIGIOUS SENSE (BRS) TEST

- Aero Technician
- Aero Support
- Religious Teacher
- · Woman Nursing Assistant
- Aero Woman / Medical Assistant
- Aero Traders
- Sports Man
- Education Instructor



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YOU WILL STUDY HERE

- 1. GENERAL KNOWLEDGE
- 2. BIOLOGY
- 3. CURRENT AFFAIRS
- 4. ECONOMICS
- 5. FINANCE
- 6. EVERYDAY SCIENCE
- 7. COMPUTER SCIENCE
- 8. PHYSICS
- 9. CHEMISTRY
- 10. EDUCATION / PEDAGOGY
- 11. GRAMMAR TEST

General knowledge

- 1. The river Danube rises in which country? Germany.
- 2. Which US state has the sugar maple as its state tree and is the leading US producer of maple sugar? Vermont.
- 3. Which country is nicknamed 'The Cockpit of Europe' because of the number of battles throughout history fought on its soil?

 Belgium.
- 4. What is the capital of Libya? Tripoli.
- 5. Apart from French, German and Romansch, what is the fourth official language of the Switzerland? Italian.
- 6. Which country is the world's largest producer of coffee? Brazil.
- 7. In which city was the world's first underground train was service opened in 1863? London.
- 8. How many pairs of ribs are there in the human body? 12.
- 9. Which country is separated form Ethiopia by the Red Sea? Yemen.
- 10. What is the main port of Italy? Genoa.
- 11. Mount Logan is the highest peak in which country? Canada.
- 12. In which state is Harvard University? New Jersey.
- 13. Which is larger: Norway or Finland? Finland.



- 14. Which city was the first capital of the Kingdom of Italy until 1865? Turin.
- 15. What is measured by an ammeter? Electric current.
- 16. What is a rhinoceros horn made of? Hair.
- 17. Which three countries, apart from the former Yugoslavia, share borders with Greece? Albania, Bulgaria, Turkey.
- 18. The Palk Strait separates which two countries? India and Sri Lanka.
- 19. Ga is the symbol for which element? Gallium.
- 20. In the Greek alphabet, what is the name for the letter O? Omicron.
- 21. What, in the 16th and 17th century, was a pavana? A dance.
- 22. A nephron is the functional unit of which organ in the human body? Kidney.
- 23. In which country is the ancient city of Tarsus? Turkey.
- 24. The Khyber Pass links which two countries? Afghanistan and Pakistan.
- 25. Name the six US states that comprise New England. Rhode Island, Connecticut, Maine, New Hampshire, Vermont and Massachusetts.
- 26. Which musical instrument is played by both exhaling and inhaling? Harmonica (or mouth organ).

- 27. The northern part of which country is called Oesling? Luxembourg.
- 28. Napier is a city in which country? New Zealand.
- 29. What is the Hook of Holland? A port in the southeast Netherlands,
- 30. The river Douro forms part of the border between which two countries? Spain and Portugal.
- 31. In which country is the Great Slave Lake? Canada.
- 32. Which six countries border the Black Sea? Bulgaria, Georgia, Romania, Russia, Turkey and Ukraine.
- 33. Kathmandu is the capital of which country? Nepal.
- 34. What name is given to a mixture of bicarbonate of soda and tartaric acid used in cooking? Baking powder.
- 35. AOL are an internet service provider. What does AOL stand for? America Online.
- 36. Who discovered penicillin? Alexander Fleming.
- 37. Which English queen had an extra finger on her hand? Anne Boleyn.
- 38. Which precious metal has the symbol Pt? Platinum.
- 39. The Gobi desert extends over which two countries?



China and Mongolia.

- 40. Apart from America, which is the only country in the world to which alligators are native? China.
- 41. Which are the highest types of clouds: stratocumulus or cirrus?
- 42. Which ancient measure of length was based on the length of the arm from fingertip to elbow? Cubit.
- 43. After World War I, Transylvania became part of which country? Romania.
- 44. Which sea in Northern Europe is bounded by several countries including Sweden, Finland, Poland and Germany?

The Baltic.

- 45. A road tunnel runs from Pelerins in France to Entreves in Italy under which mountain? Mont Blanc.
- 46. The Barents Sea is part of which ocean? Arctic.
- 47. Which two countries are either side of the mouth of the River Plate? Argentina and Uruguay.
- 48. Quicklime is an alkaline powder obtained by strongly heating which other material? Chalk.
- 49. What is the longest river solely in England? Thames.
- 50. The Great Barrier Reef is off coast of which Australian state? Queensland.
- 51. What is the name of the milky fluid obtained from trees which is used to produce rubber? Latex.

- 52. Of what is entymology the study? Insects.
- 53. Of where is Amman the capital? Jordan.
- 54. How many innings are there for each team in a game of baseball? Nine.
- 55. Which is the only mammal with the power of active flight? Bat.
- 56. Which lower level of clouds are commonly called 'rain clouds'? Nimbus.
- 57. What is the longest river in India? Ganges.
- 58. Which metallic element has the property of catching fire if dropped in hot water? Sodium.
- 59. Which month of the year obtains its name from the Latin verb for 'to open'? April.
- 60. On what river does Rome stand? Tiber.
- 61. Quantas is the national airline of which country? Australia.
- 62. What in Scotland is the meaning of the prefix 'Inver'? River mouth.
- 63. Which US state has the lowest population? Alaska.
- 64. Which county is nicknamed the Garden of England? Kent.



65. Which African country was formerly called French Sudan? Mali.

66. Which sport was originally called 'soccer-in-water'? Water polo.

67. Which unit of measurement is derived from the Arabic quirrat, meaning seed? Carat.

68. Which Italian city was originally built on seven hills? Rome.

69. What does the acronym NAAFI stand for? Navy, Army and Air Force Institutes.

70. Dolomite is an ore of which metal? Magnesium.

71. Manama is the capital of which country? Bahrain.

72. On which river does Berlin stand? River Spree.

73. What type of clock was invented in 1656 by Christian Huygens? The pendulum clock.

74. In which desert is the world's driest place? Atacama (Chile).

75. Which is the world's saltiest sea? The Red Sea.

76. and which is the least salty? The Baltic Sea.

77. Which nun won the Nobel prize for peace in 1979?

Mother Teresa.

78. How many points in the pink ball worth in snooker? Six.

79. Which scientist was named 'Person of the Century' by Time Magazine? Albert Einstein.

80. What kind of creature is a monitor? Lizard.

81. Which medical specialty is concerned with the problems and illnesses of children? Pediatrics.

82. Who sailed in Santa Maria? Christopher Columbus.

- 83. What name is given to the stiffening of the body after death? Rigor mortis.
- 84. Which country was formerly known as Malagasy Republic? Madagascar.
- 85. Addis Ababa is the capital of which country? Ethiopia.
- 86. The name of which North African city literally means 'white house'? Casablanca.
- 87. Of what sort of fish is the dogfish a small variety? Shark.
- 88. Which Asian country was divided at the 38th parallel after World War II? Korea.
- 89. What is the name of the Winter Olympics event that combines cross-country skiing and shooting? Biathlon.
- 90. Which American science-fiction writer wrote Fahrenheit 451?



Ray Bradbury.

91. For which powerful opiate is diamorphine the technical name? Heroin.

92. How many dominoes are there in a normal set? 28.

93. Who was cartoonist who created Batman? Bob Kane.

94. Aerophobia is a fear of flying, agoraphobia is a fear of open spaces, what is acrophobia a fear of? Heights.

95. In computing, how is a modulator-demodulator more commonly known? Modem.

96. An auger bit is used to drill what type of material? Wood.

97. What part of the wheelbarrow is the fulcrum? The wheel.

98. What C is a device used to determine small lengths, of which a vernier is one type? Caliper.

99. Rip, chain and band are types of which tools? Saw.

100. What calibrated tool was the standard tool for engineers and scientists prior to the invention of the handheld calculator?

Slide rule.

101. What P is sometimes referred to as block and tackle? Pulley.

102. For what purpose would a gardener use a dibber? Making holes.

103. What J is a device used to raise an object too heavy to deal with by hand? Jack.

104. Ball-pein, club, claw and bush are types of which tool? Hammer.

105. Which African animal's name means 'river horse'? Hippopotamus.

106. Which Indian religion was founded by Guru Nanak? Sikhism.

107. What is the most distant of the giant planets? Neptune.

108. What is the capital of Austria? Vienna.

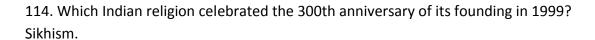
109. What in printing do the letters 'u.c.' stand for? Upper case.

110. Which eye infection is sometimes called pinkeye? Conjunctivitis.

111. What sort of creature is an iguana? A lizard.

112. What, politically, does UDI stand for? Unilateral declaration of independence.

113. Wagga Wagga is a city in which Australian state? New South Wales.



115. What do the initials FBI stand for? Federal Bureau of Investigation.



- 116. By what name is the fruit of the plant Ananas comosus known? Pineapple.
- 117. Donnerstag is German for which day of the week? Thursday.
- 118. What type of citrus fruit is a shamouti? Orange.
- 119. Apiphobia is a fear of what? Bees.
- 120. Which Asian capital city was known as Batavia until 1949? Jakarta.
- 121. Which astronomical unit os distance is greater, a parsec or a light year? A parsec.
- 122. The ancient city of Carthage is now in which country? Tunisia.
- 123. What in Russia is Izvestia? A newspaper.
- 124. Which is the world's windiest continent? Antarctica.
- 125. In the book Treasure Island what is the name of the ship? Hispaniola.
- 126. In which part of the body are the deltoid muscles? Shoulder.
- 127. E is the international car registration letter for which country? Spain.
- 128. Vienna stands on which river? Danube.
- 129. What type of camel has two lumps?

Bactrian.

130. In the MG motor car, what do the letters MG stand for? Morris Garages.

131. The name of which Roman god means 'shining father' in Latin? Jupiter.

132. What is the central colour of a rainbow? Green.

133. Which French city is a meeting place for the European Parliament? Strasbourg.

134. What part of the body consists of the duodenum, the jejunum and the ileum? Small intestine.

135. Annapurna is a mountain in which mountain range? Himalayas.

136. What kind of foodstuff is Monterey Jack? (It was also a cartoon's name 'What's for breakfast?'

187. What is the name of a person, plant or animal which shuns the light? Lucifugous.

188. What, in field of optics, is biconvex? A lens which is convex on both sides.

189. Which country was invaded in Iraq in 1980? Iran.

190. What did Johann Galle discover in 1846? Neptune.

191. What, in internet terminology, does SMTP stand for? Simple Mail Transfer Protocol.

192. How is October 24 1929 remembered?



Black Thursday.

193. The River Danube flows into which sea?

The Black Sea.

194. Which strait separates the North and South islands of New Zealand?

Cook Strait.

195. What, in internet terminology, does FTP stand for?

File Transfer Protocol.

196. Who wrote Black Beauty?

Anna Sewell.

197. What is the capital of Poland?

Warsaw.

198. Ice-cream was first produced in which country in the 17th century?

Italy.

199. In medicine, what does the acronym SARS stand for?

Severe Acute Respiratory System.

200. Which popular name for Netherlands is actually a low-lying region of the country?

Holland.

201. Which Shakepeare play was set in Elsinore Castle, Denmark?

Hamlet.

202. Who said: 'Genius is 1% inspiration and 99% perspiration'?

Edison.

203. The Kyukyu Island chain lies between which two countries?

Japan & Taiwan.

204. Which fibrous protein is the major constituent of hair, nails, feathers, beaks and claws?

Keratin.

205. Of which fruit is morello a variety?

Cherry.

206. Which explorer discovered Victoris Falls in Africa? David Livingstone.

207. Who was the last king of Egypt? Farouk.

208. What is the literal meaning of the word mafia? Bargging.

209. Which war lasted 16 years longer than its name implies? The Hundred Year's War.

210. What is the national sport of Malaysia and Indonesia? Badminton.

211. Which is the shallowest of the Great Lakes? Lake Frie.

212. What name is given to minute or microscopic animals and plants that live in the upper layers of fresh and salt water?

Plankton.

213. Which country was originally named Cathay? China.

214. Sinhalese is a language spoken in which country? Sri Lanka.

215. The Sao Francisco river flows through which country? Brazil.

216. In which sport do teams compete for the Dunhill Cup? Golf.

217. Which Shakespeare character's last words are: 'The rest is silence'? Hamlet.

218. In economics, whose law states that: 'bad money drives out good money'? Gresham's

219. Who made the first navigation of the globe in the vessel Victoria? Magellan.

220. Which mountaineer on being asked why he wanted to climb Everest said: 'Because it's there'? George Mallory.

221. What was the former name for Sri Lanka? Ceylon.

222. Of which Middle East, country is Baghdad the capital? Iraq.

223. How many arms does a squid have? Ten.

224. Which indoor game is played with a shuttlecock? Badminton.

225. Do stalactites grow upwards or downwards? Downwards.

226. What food is also called garbanzo? Chick-pea.

227. What is the quality rating for diesel fuel, similar to the octane number for petrol? Catane number.

228. Which German city and port is at the confluence of the rivers Neckar and Rhine? Mannheim.

229. Where in Europe are the only wild apes to be found? Gibraltar.

230. The Brabanconne is the national anthem of which country? Belgium.

231. In which country is the River Spey?



Switzerland.

232. Which international environmental pressure group was founded in 1971? Greenpeace.

233. What is the capital of Morocco? Rabat.

234. How many balls are on the table at the start of a game of pool? Sixteen.

235. In which country is the volcano Mount Aso? Japan.

236. What name is given to inflammation of one or more joints, causing pain, swelling and restriction of movement?

Arthritis.

237. Which mineral is the main source of mercury? Cinnabar.

238. What A is the national airline of Russia, code name SU? Aeroflot.

239. What would be kept in a quiver? Arrows.

240. What 'ology' is concerned with the study of unidentified flying objects? Ufology.

241. Coal and longtailed are types of which bird family?

Tit.

242. In the game of darts, what is the value of the outer bull?

25.

243. In which part of the human body is the cochlea?

Ear.

244. What is the modern name of the rocky fortress which the Moors named Gabel-al-Tarik (the Rock of Tarik)?

Gibraltar.

245. What was the name of German terrorist Andreas Baader's female partner? Ulrike Meinhof.

246. And what was the name of the urban guerrilla organisation they headed? The Red Army Faction.

247. Which German bacteriologist discovered Salvarsan, a compound used in the treatment of syphilis, before the introduction of antibiotics?

Paul Fhrlich.

248. Which ancient Roman satirist wrote the 16 Satires? Juvenal.

249. Who became the Queen of Netherlands in 1980? Beatrix.

250. Who was the last Bristish king to appear in battle? George II.

251. What is the art of preparing, stuffing and mounting the skins of animals to make lifelike models called? Taxidermy.

252. What is the Beaufort scale used to measure? Wind speed.

253. What is the technical name for abnormally high blood presure? Hypertension.

254. What part of eye is responsible for its color? The iris.

256. The letter RF on a stamp would indicate it is from which country? France.

257. What is the meaning of the musical term cantabile?

In a singing style.

258. San Juan is the capital of which island in the West Indies? Puerto Rico.

259. Which profession gets its name from the Latin word for lead? Plumbing.

260. On which part of the body do grasshoppers have their ears? Hind legs. 261. Who wrote children's stories about the land of Narnia? C.S. Lewis.

262. What is the second planet from the sun? Venus.

263. What is the highest mountain in the Alps? Mont Blanc.

264. Of which Caribbean country is Port-au-Prince the capital? Haiti.

265. Which German city is associated with the legend of the Pied Piper? Hameln, or Hamelin.

266. What name is given to the wind pattern that brings heavy rain to South Asia from April to September? Monsoon.

267. What is the first book of the New Testament? The Gospel according to Saint Matthew.

268. What name is given to the time taken for half the atoms in a sample of a radioactive isotope to decay? Half-life.

269. Who was president of Kenya from 1964 to 1978? Jomo Kenyatta.

270. Which German author wrote the anti-war novel All Quiet on the Western Front? Erich Maria Remarque.

271. Which country had a police force called the Tonton Macoutes? Haiti.

272. What would you find in formicary? Ants.

273. Who was the first British sovereign to make regular use of Buckingham Palace when in residence in

London?

Queen Victoria.

274. Of where is Sofia the capital? Bulgaria.

275. What is meant by the musical term andante? At a moderate tempo.

276. In a bullfight, what is the mounted man with a lance called? A picador.

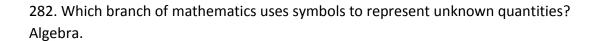
277. Which team has a soccer team called Ajax? Amsterdam.

278. Which Dutch explorer discovered New Zealand? Abel Tasman.

279. Who became first black world heavyweight boxing champion in 1918? Jack Johnson.

280. The name of which city in South America means Vale of Paradise? Valparaiso.

281. Which gas used in advertising signs has the symbol Ne? Neon.



283. What does the abbreviation RAF stand for?



Royal Air Force.

284. What name is given to the use of live animals in the experiments? Vivisection.

285. Viti Levu is the largest island of which country? Fiji.

286. The Golden Arrow was a famous train that ran from Paris to which destination? Monte Carlo.

287. Which country fought on both sides during World War II? Italy.

288. What centigrade temperature is gas mark 6 equal to? 200 degrees C.

289. In the game of chess, which piece is called springer in Germany? Knight.

290. What is the meaning of the Russian word 'mir'? Peace.

291. Who, in World War II, were Axis Power? Germany, Italy. Japan.

292. Which scientist used kites to conduct electrical experiments? Benjamin Frankline.

293. What is the longest river in France? Loire.

294. Which inventore had a research laboratory at Menlo Park? Edison.

295. Which birds fly in groups called skeins? Geese.

296. In medicine, which is the most widespread parasitic infection?

Malaria.

297. What nationality was the explorer Ferdinand Magellan? Portuguese.

298. Which Italian city is called Firenze in Italian? Florence.

299. What is Autralia's largest city? Sydney.

300. Which term meaning 'lightning war' was used to describe military tactics used by Germany in World War II?

Blitzkrieg.

World General Knowledge

- 1. The deepest point in the world is
- (A) Dead Sea (B) South Pole (C) Mariana Trench (D) Sinai Peninsula
- 2. The Mariana Trench is in the ----- Ocean.
- (A) Atlantic (B) Arctic (C) Antarctic (D) Pacific
- 3. The depth of the Mariana Trench is ----- meters.

- (A) 10,011 (B) 10,411 (C) 10,611 (D) 10,911
- 4. Panama (a country) connects the two continents
- (A) Asia and Europe (B) Asia and Africa (C) South America and North America (D) Asia and Australia
- 5. Turkey connects the two continents
- (A) Asia and Europe (B) Asia and Africa (C) South America and North America (D) Asia and Australia
- 6. Egypt connects the two continents
- (A) Asia and Europe (B) Asia and Africa (C) South America and North America (D) Asia and Australia
- 7. The Panama Canal in Panama is a man-made 77 km waterway that connects
- (A) Atlantic Ocean and Pacific Ocean (B) Atlantic Ocean and Arctic (C) Arctic Ocean and Antarctic Ocean (D) Pacific Ocean and Arctic Ocean
- 8. The Engadin Valley is located in
- (A) Switzerland (B) Portugal (C) Turkey (D) Egypt
- 9. The Pico Island is located in
- (A) Switzerland (B) Portugal (C) Turkey (D) Egypt
- 10. Sultan Ahmed Mosque in Istanbul is popularly known as the
- (A) Green Mosque (B) Blue Mosque (C) Red Mosque (D) Yellow Mosque

ANSWERS: GENERAL KNOWLEDGE MCQS

1(C) 2(D) 3(D) 4(C) 5(A) 6(B) 7(A) 8(A) 9(B) 10(B)

- 11. The Great Pyramid of Giza, the oldest of the ancient 7 wonders of the world, is located in
- (A) Egypt (B) Portugal (C) Switzerland (D) Turkey
- 12. Lake Lucerne that has complicated shape with several sharp bends and four arms is located in
- (A) Egypt (B) Portugal (C) Switzerland (D) Turkey

- 13. Which city is also called The City of 1,000 Minarets?
- (A) Istanbul (B) Cairo (C) Makkah (D) Islamabad
- 14. The South Pole of the Earth is located in
- (A) Norway (B) Antarctica (C) Arctic Ocean (D) Pacific Ocean
- 15. The North Pole of the Earth is located in
- (A) Norway (B) Antarctica (C) Arctic Ocean (D) Pacific Ocean
- 16. Which statement is true about South and North Poles of the Earth?
- (A) South Pole is warmer than the North Pole (B) North Pole is warmer than the South Pole (C) Both poles have equal temperature (D) Both poles lie in the Ocean
- 17. The Sinai Peninsula is located in
- (A) Egypt (B) Portugal (C) Switzerland (D) Turkey
- 18. Augusta Raurica, a Roman archaeological site, was a/an
- (A) theater (B) open-air theater (C) museum (D) open-air museum
- 19. Augusta Raurica is located in
- (A) Egypt (B) Portugal (C) Switzerland (D) Turkey
- 20. The Pena Palace, a UNESCO World Heritage Site, is located in
- (A) Egypt (B) Portugal (C) Switzerland (D) Turkey

ANSWERS: GENERAL KNOWLEDGE QUIZ

11(A) 12(C) 13(B) 14(B) 15(C) 16(B) 17(A) 18(D) 19(C) 20(B)

- 21. The bridge in Istanbul, Turkey that connects Asia and Europe is called
- (A) Golden Gate Bridge (B) Akashi Kaikyo Bridge (C) Bosphorus Bridge (D) Royal Gorge Bridge
- 22. Alexandria is a city in
- (A) Turkey (B) Egypt (C) Jordan (D) Greece

- 23. About ----% of Antarctica is covered by ice.
- (A) 97 (B) 98 (C) 99 (D) 100
- 24. Ross Island in the Ross Sea is located near
- (A) Greenland (B) Norway (C) continent of Antarctica (D) continent of Australia
- 25. The first European to reach India by sea was
- (A) Christopher Columbus (B) Marco Polo (C) John Cabot (D) Vasco da Gama
- 26. Vasco da Gama was a/an ----- explorer.
- (A) British (B) French (C) German (D) Portuguese
- 27. The World Wide Web was invented by
- (A) Tim Berners-Lee (B) Bob Kahn (C) Steve Jobs (D) Bill Gates
- 28. The birthplace of the World Wide Web was
- (A) NASA (B) Pentagon (C) CERN (D) Microsoft
- 29. The headquarter of the European Organization for Nuclear Research, called CERN, is located in
- (A) Belgium (B) Switzerland (C) Germany (D) England
- 30. The book "Emile" or "On Education" was written by
- (A) Rousseau (B) Socrates (C) Plato (D) Aristotle

ANSWERS: GENERAL KNOWLEDGE QUIZZES

21(C) 22(B) 23(B) 24(C) 25(D) 26(D) 27(A) 28(C) 29(B) 30(A)



- 31. The world's longest land border between the two countries is the border between
- (A) US and Canada (B) US and Mexico (C) India and Pakistan (D) South Korea and North Korea

- 32. The world's largest island is
- (A) Greenland (B) Finland (C) Indonesia (D) United Kingdom
- 33. Which country is the largest archipelagic country in the world?
- (A) Greenland (B) Finland (C) Indonesia (D) United Kingdom
- 34. Indonesia is a country with around ----- islands.
- (A) 10,000 (B) 11,000 (C) 12,000 (D) 13,000
- 35. The most dispersed country in the world is
- (A) Maldives (B) Indonesia (C) Malaysia (D) Philippines
- 36. The Maldives is spread over ----- km2.
- (A) 60,000 (B) 70,000 (C) 80,000 (D) 90,000
- 37. Maldives, a country in Asia, is consist of around ----- islands.
- (A) 1100 (B) 1152 (C) 1192 (D) 1212
- 38. Which country is also called the "Land of the Midnight Sun"?
- (A) Japan (B) Norway (C) Netherlands (D) South Africa
- 39. Which country is also called "Rainbow Nation"?
- (A) Japan (B) Norway (C) Netherlands (D) South Africa
- 40. "Netherlands" literally means
- (A) ideal location (B) lower countries (C) mouth of land (D) land of sun set

ANSWERS: GENERAL KNOWLEDGE QUIZ

31(A) 32(A) 33(C) 34(D) 35(A) 36(D) 37(C) 38(B) 39(D) 40(B)

- 41. Which country contains the most volcanoes in the world?
- (A) Indonesia (B) Maldives (C) South Africa (D) Mexico

- 42. Which country is the lowest in the world?
- (A) Indonesia (B) Maldives (C) South Africa (D) Netherlands
- 43. Which country recognizes the highest number of official languages?
- (A) Indonesia (B) Maldives (C) South Africa (D) Mexico
- 44. The constitution of South Africa recognizes ----- official languages.
- (A) 8 (B) 9 (C) 10 (D) 11
- 45. Which country is completely surrounded by South Africa?
- (A) Gabon (B) Laos (C) Lesotho (D) Niue
- 46. The Komodo dragons are found in
- (A) Indonesia (B) Maldives (C) South Africa (D) Egypt
- 47. Jeju Island, a UNESCO World Heritage Site, is located in
- (A) Indonesia (B) Egypt (C) South Africa (D) South Korea
- 48. Borobudur, a UNESCO World Heritage Site is located in
- (A) Indonesia (B) Egypt (C) South Africa (D) South Korea
- 49. The Orange River flows in
- (A) Indonesia (B) Egypt (C) South Africa (D) Mexico
- 50. The Chapultepec Castle is located in
- (A) Indonesia (B) Egypt (C) South Africa (D) Mexico

ANSWERS: GENERAL KNOWLEDGE QUIZZES

41(A) 42(B) 43(C) 44(D) 45(C) 46(A) 47(D) 48(A) 49(C) 50(D)



- 51. The largest desert in the world is
- (A) Antarctica (B) Arctic (C) Sahara (D) Atacama

- 52. The largest cold desert in the world is
- (A) Antarctica (B) Arctic (C) Sahara (D) Atacama
- 53. The largest hot desert in the world is
- (A) Cholistan (B) Arctic (C) Sahara (D) Atacama
- 54. The Sahara desert is located in
- (A) Asia (B) Africa (C) South America (D) Australia
- 55. The driest desert in the world is
- (A) Sahara Desert (B) Cholistan Desert (C) Arabian Desert (D) Atacama Desert
- 56. The Atacama Desert is located in
- (A) Asia (B) Africa (C) South America (D) Australia
- 57. Kansai International Airport on an artificial island is located in
- (A) China (B) Japan (C) South Korea (D) North Korea
- 58. The Seven Rila Lakes are located in
- (A) Bulgaria (B) Hungary (C) Poland (D) Czech Republic
- 59. The largest waterfalls system in the world is
- (A) Angel Falls (B) Victoria Falls (C) Niagara Falls (D) Iguazu Falls
- 60. The famous waterfall, Iguazu Falls, is located on the border of
- (A) United States and Canada (B) Chile and Portugal (C) Argentina and Brazil (D) Paraguay and Uruguay

ANSWERS: GENERAL KNOWLEDGE MCQS

51(A) 52(A) 53(C) 54(B) 55(D) 56(C) 57(B) 58(A) 59(D) 60(C)

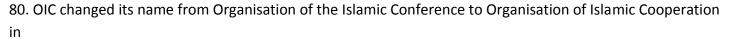
61. The United Nations was founded on

- (A) March 24, 1945 (B) October 24, 1945 (C) March 24, 1949 (D) October 24, 1950
- 62. Which country from the following is NOT the member of UNO?
- (A) Vatican City (B) Afghanistan (C) North Korea (D) Vaitnam
- 63. The International Court of Justice is located in
- (A) New York (B) Washigton (C) Geneva (D) The Hague
- 64. The Great Wall of China is about ----- KM long.
- (A) 18,196 (B) 19,196 (C) 20,196 (D) 21,196
- 65. The oldest university in the world is
- (A) Cambridge University (B) Oxford University (C) University of Bologna (D) University of Warwick
- 66. There are ----- non-permanent members of the security council.
- (A) 5 (B) 7 (C) 10 (D) 15
- 67. The currency of Indonesia is
- (A) rupiah (B) dinar (C) rangit (D) riyal
- 68. The D-8 is an organization of eight ----- countries.
- (A) developed (B) developing (C) Asian (D) African
- 69. The European Union's working capital is in
- (A) London (B) Lisbon (C) Austria (D) Brussels
- 70. The headquarter of NATO is located in
- (A) New York (B) Paris (C) Geneva (D) Brussels

ANSWERS: GENERAL KNOWLEDGE QUESTIONS

61(B) 62(A) 63(D) 64(D) 65(C) 66(C) 67(A) 68(B) 69(D) 70(D)

- 71. The motto of UNO is
- (A) It's your world! (B) Life for All! (C) Peace! (D) Love and Peace!
- 72. The world's highest mountain is in
- (A) China (B) Pakistan (C) Nepal (D) India
- 73. The headquarter of Red Cross is in
- (A) New York (B) Washigton (C) Geneva (D) The Hague
- 74. World Trade Organization was established in
- (A) 1980 (B) 1985 (C) 1990 (D) 1995
- 75. The North Atlantic treaty (NATO) was signed in
- (A) 1945 (B) 1947 (C) 1949 (D) 1951
- 76. Which country, on the map of world, appears as "Long Shoe"?
- (A) Portugal (B) Italy (C) Greece (D) Hungary
- 77. Which from the following countries is NOT a member of D-8?
- (A) India (B) Pakistan (C) Nigeria (D) Turkey
- 78. The largest ocean of the world is
- (A) Atlantic (B) Pacific (C) Indian (D) None of these
- 79. Which from the following countries does NOT yield veto-power?
- (A) United States (B) United Kingdom (C) Canada (D) France



(A) 1991 (B) 1999 (C) 2001 (D) 2011



71(A) 72(C) 73(C) 74(D) 75(C) 76(B) 77(A) 78(B) 79(C) 80(D)



- 81. The most powerful organ of United Nations is
- (A) General Assembly (B) Security Council (C) Secretariat (D) International Court of Justice
- 82. The headquarter of Green Peace International is located in
- (A) Amserdam (B) Geneva (C) Lisbon (D) Austria
- 83. 3 May is observed Internationally as
- (A) Labour Day (B) Environment Day (C) Earth Day (D) Press Freedom Day
- 84. The Capital of Canada is
- (A) Tirane (B) Ottawa (C) Athens (D) Luxembourg
- 85. Suez Canal is between
- (A) Arabian Sea and Red Sea (B) Red Sea and North Sea (C) Mediterranean Sea and North Sea (D) Mediterranean Sea and Red Sea
- 86. The permanent Secretariat of SAARC is located in
- (A) Islamabad, Pakistan (B) New Delhi, India (C) Kathmandu, Nepal (D) Colombo, Sri Lanka
- 87. Which from the following countries is NOT a member of European Union?
- (A) Norway (B) Ireland (C) Malta (D) Estonia
- 88. The currency of Israel is
- (A) Euro (B) Shekel (C) Forint (D) Krone
- 89. Which country (by electorate) is the world's largest democracy?
- (A) United States (B) United Kingdom (C) China (D) India
- 90. The permanent Secretariat of OIC is located in
- (A) Makkah (B) Madina (C) Jeddah (D) Riyadh

ANSWERS: GK QUIZ

81(B) 82(A) 83(D) 84(B) 85(D) 86(C) 87(A) 88(B) 89(D) 90(C)

- 91. The highest part of the Earth is
- (A) Mount Everest (B) K2 (C) Norway (D) North Pole
- 92. The lowest part of the Earth is
- (A) Dead Sea (B) Mariana Trench (C) South Africa (D) South Pole
- 93. The deepest part of the Earth is
- (A) Dead Sea (B) Mariana Trench (C) South Africa (D) South Pole
- 94. The headquarter of Amnesty International is in
- (A) Amserdam (B) Geneva (C) London (D) Berlin
- 95. The headquarter of Transparency International is in
- (A) Amserdam (B) Geneva (C) London (D) Berlin
- 96. The largest Island of the World is
- (A) Iceland (B) Greenland (C) England (D) Sri Lanka
- 97. 22 April is observed Internationally as
- (A) Labour Day (B) Environment Day (C) Earth Day (D) Press Freedom Day
- 98. Yellow Sea lies between
- (A) America and Canada (B) England and France (C) China and Korea (D) Norway and Sweden
- 99. The smallest Sea of the World is
- (A) Dead Sea (B) Red Sea (C) Baltic Sea (D) Arabian Sea
- 100. World's famous bridge "Golden Gate Bridge" is in
- (A) San Francisco (B) New Delhi (C) France (D) Sydney

ANSWERS: GK QUIZZES

91(A) 92(A) 93(B) 94(C) 95(D) 96(B) 97(C) 98(C) 99(C) 100(A)

- 101. Which country is called "Land of thousand islands"?
- (A) Malaysia (B) Indonesia (C) Ireland (D) Finland
- 102. Indonesia is an archipelago comprising approximately ----- islands.
- (A) 10,000 (B) 12,500 (C) 15,000 (D) 17,500
- 103. Which country is called the "Land of Golden Fibre"?
- (A) United States (B) South Korea (C) Bangladesh (D) India
- 104. Which country is called the "Land of thousand Lakes"?
- (A) Indonesia (B) Finland (C) Iceland (D) Scotland
- 105. Vienna is the capital of
- (A) Austria (B) Switzerland (C) Cyprus (D) Denmark
- 106. The capital of Czech Republic is?
- (A) Nicosia (B) Dublin (C) Bern (D) Prague
- 107. AFP is the news agency of
- (A) Germany (B) France (C) Syria (D) Yemen
- 108. ANTARA is the news agency of
- (A) Indonesia (B) Syria (C) Yemen (D) Jordan
- 109. Emirates is an airline of
- (A) Saudi Arabia (B) Qatar (C) UAE (D) Malaysia
- 110. Qantas is an airline of
- (A) Saudi Arabia (B) Australia (C) UAE (D) Malaysia

ANSWERS: GK MCQS

101(B) 102(D) 103(C) 104(B) 105(A) 106(D) 107(B) 108(A) 109(C) 110(B)



- 111. The Temple of Heaven, a religious building, is located in
- (A) Edinburgh (B) Rome (C) Beijing (D) Shanghai
- 112. The mine, Super Pit, is Australia's largest ----- mine.
- (A) gold (B) silver (C) copper (D) coal
- 113. What was the nationality of Alfred Nobel?
- (A) American (B) British (C) German (D) Swedish
- 114. The first Nobel Prize was awarded in
- (A) 1895 (B) 1901 (C) 1907 (D) 1913
- 115. The Nobel Prize has been awarded in ----- fields.
- (A) 5 (B) 6 (C) 7 (D) 8
- 116. The Li River is located in
- (A) China (B) Japan (C) South Korea (D) North Korea
- 117. SANA is the news agency of
- (A) Saudi Arabia (B) UAE (C) Syria (D) Yemen
- 118. Saba is the news agency of
- (A) Indonesia (B) Syria (C) Yemen (D) Jordan
- 119. KLM is an airline of
- (A) Australia (B) Germany (C) Netherlands (D) Austria
- 120. Etihad Airways is an airline of
- (A) United Arab Emirates (B) Qatar (C) Russia (D) Canada

ANSWERS: GENERAL QUIZ

111(C) 112(A) 113(D) 114(B) 115(B) 116(A) 117(C) 118(C) 119(C) 120(A)



- 121. The Earth surface is divided in ----- Continents.
- (A) 5 (B) 6 (C) 7 (D) 8
- 122. The Largest Continent (by Area) of the World is
- (A) Asia (B) Europe (C) Africa (D) North America
- 123. The second Largest Continent (by Area) of the World is
- (A) Asia (B) Europe (C) Africa (D) North America
- 124. The Smallest Continent (by Area) of the World is
- (A) Antarctica (B) Australia (C) Africa (D) Europe
- 125. The Earth's Oceanic water is divided in ----- oceans.
- (A) 5 (B) 6 (C) 7 (D) 8
- 126. The Earth's Largest ocean is
- (A) Atlantic (B) Arctic (C) Indian (D) Pacific
- 127. The Earth's second Largest ocean is
- (A) Atlantic (B) Arctic (C) Indian (D) Pacific
- 128. The Earth's Smallest ocean is
- (A) Atlantic (B) Arctic (C) Indian (D) Pacific
- 129. The world's Largest Lake is?
- (A) Caspian Sea (B) Lake Superior (C) Lake Victoria (D) Great Bear Lake
- 130. The hottest desert of the world is?
- (A) Sahara Desert (B) Arabian Desert (C) Cholistan Desert (D) Arctic Desert



ANSWERS: GENERAL QUIZZES

121(C) 122(A) 123(C) 124(B) 125(A) 126(D) 127(A) 128(B) 129(A) 130(A)

- 131. The first Secretary General of United Nations was?
- (A) Dag Hammarskjold (B) Kurt Walheion (C) U Thant (D) Trygue Lie
- 132. World War I was began in?
- (A) 1912 (B) 1914 (C) 1916 (D) 1918
- 133. World War I was ended in?
- (A) 1912 (B) 1914 (C) 1916 (D) 1918
- 134. World War II was began in?
- (A) 1935 (B) 1937 (C) 1939 (D) 1941
- 135. World War II was ended in?
- (A) 1939 (B) 1941 (C) 1943 (D) 1945
- 136. The world's deadliest conflict was?
- (A) World War I (B) World War II (C) Mongol Conquests (D) Taiping Rebellion
- 137. The Atomic Bomb was dropped on the city of Hiroshima on?
- (A) 3 August 1945 (B) 6 August 1945 (C) 9 August 1945 (D) 12 August 1945
- 138. What was the name of Atomic Bomb that dropped on the city of Hiroshima?
- (A) Little Boy (B) Fat Boy (C) Little Man (D) Fat Man
- 139. The Atomic Bomb was dropped on the city of Nagasaki on?
- (A) 3 August 1945 (B) 6 August 1945 (C) 9 August 1945 (D) 12 August 1945
- 140. What was the name of Atomic Bomb that dropped on the city of Nagasaki?
- (A) Little Boy (B) Fat Boy (C) Little Man (D) Fat Man

ANSWERS: GENERAL MCQS

131(D) 132(B) 133(D) 134(C) 135(D) 136(B) 137(B) 138(A) 139(C) 140(D)

- 141. NATO is a/an ----- alliance.
- (A) military (B) economic (C) regional (D) cultural
- 142. The oldest news agency in the world is?
- (A) AFP (B) WAFA (C) BBC (D) CNN
- 143. The Suez Canal is in
- (A) Nigeria (B) Libya (C) Egypt (D) Palestine
- 144. The Delaware river is in
- (A) United States (B) Canada (C) China (D) United Kingdom
- 145. The main structural work of the Eiffel Tower was completed in?
- (A) 1883 (B) 1885 (C) 1887 (D) 1889
- 146. The height of Eiffel Tower is ----- feet.
- (A) 1063 (B) 1067 (C) 1073 (D) 1077
- 147. Reuters is the news agency of
- (A) United States (B) United Kingdom (C) France (D) Germany
- 148. WAFA is the news agency of
- (A) Palestine (B) Iraq (C) Qatar (D) Egypt
- 149. The capital of Saudi Arabia is?
- (A) Makkah (B) Madina (C) Taif (D) Riyadh
- 150. The currency of Qatar is?
- (A) Dollar (B) Dinar (C) Dirham (D) Riyal

ANSWERS: MCQS OF GENERAL KNOWLEDGE



141(A) 142(A) 143(C) 144(A) 145(D) 146(A) 147(B) 148(A) 149(D) 150(D)

======

Biology

- 1. Haemodialysis means cleaning of
- (A) urine (B) blood (C) glomerular filterate (D) coelomic fluid
- 2. Production of sweat and sebum is related with
- (A) skin (B) liver (C) lungs (D) GIT
- 3. The evaporative cooling in the respiratory tract of dogs is called
- (A) vasodilation (B) vasoconstriction (C) panting (D) all of these
- 4. Which of the following pathogen type cause disease that can be treated with antibiotics
- (A) bacteria (B) fungi (C) virus (D) none of these
- 5. Most cell membranes are composed principally of
- (A) DNA ad protein (B) protein and lipids (C) protein and chitin (D) protein and RNA
- 6. Normally, in the process of osmosis, the net flow of water molecules into or out of the cell depends upon differences in the
- (A) concentration of water molecules inside and outside the cell (B) concentration of enzymes on either side of the cell membrane (C) rate of molecular motion on either side of the cell membrane (D) none of these
- 7. Sodium ions are "pumped" from a region of lower concentration to a region of higher concentration in the nerve cells of humans. This process is an example of
- (A) diffusion (B) passive transport (C) osmosis (D) active transport
- 8. Proteins are made from amino acids by the process of
- (A) hydrolysis (B) pinocytosis (C) dehydration synthesis (D) active transport
- 9. Which is an organic compound found in most cells
- (A) water (B) glucose (C) oxygen (D) sodium chloride

- 10. Which are the four most abundant elements in living cells
- (A) carbon, oxygen, nitrogen, sulfur (B) carbon, oxygen, hydrogen, nitrogen (C) carbon, oxygen, sulfur, phosphorus (D) carbon, sulfur, hydrogen, magnesium

ANSWERS: BIOLOGY QUIZ

1. B 2. A 3. C 4. A 5. B 6. A 7. D 8. C 9. B 10. B

- 11. Starch is converted into maltose by
- (A) diastase (B) invertase (C) maltase (D) amylase
- 12. Co-enzyme is often formed from
- (A) lipid (B) protein (C) inorganic ion (D) vitamin
- 13. Messenger RNA is formed in
- (A) nucleus (B) chloroplast (C) mitochondria (D) none of these
- 14. Number of chromosomes in E.coli
- (A) 4 (B) 6 (C) 3 (D) 1
- 15. Protein factory is
- (A) nucleus (B) ribosome (C) golgi complex (D) centriole
- 16. Smallest disease causing agents in plants are
- (A) virion (B) mycoplasma (C) viroids (D) prions
- 17. The major cell infected by the HIV is lymphocyte
- (A) helper-T (B) B (C) both T and B (D) none of these
- 18. Pigment present in red algae is
- (A) fucoxanthin (B) phycocyanin (C) phycoerythrin (D) bilirubin
- 19. Nutrition in fungi is
- (A) photosynthetic (B) chemosynthetic (C) completely parasitic (D) absorptive heterotrophs
- 20. Fungi resemble plants because they lack



(A) cell wall (B) cytoplasm (C) centriole (D) nucleus

ANSWERS: BIOLOGY QUIZZES

11. A 12. B 13. A 14. D 15. B 16. C 17. A 18. C 19. D 20. C

- 21. Which is a parasitic plant
- (A) cuscuta (B) rose (C) ferns (D) mosses
- 22. True roots absent in
- (A) ferns (B) bryophytes (C) gymnosperms (D) angiosperms
- 23. The mechanism for ATP synthesis is
- (A) chemosynthesis (B) photosynthesis (C) phosphorylation (D) chemiosmosis
- 24. Enzyme present in the saliva is
- (A) lipase (B) trypsin (C) ptyalin (D) invertase
- 25. Nitrogen is present in
- (A) carbohydrates (B) proteins (C) lipids (D) carbonates
- 26. The food is ground in the cockroach in
- (A) mesenteron (B) crop (C) gizzard (D) intestine
- 27. Operculum is present in
- (A) bony fish (B) sea fish (C) cartilaginous fish (D) none of these
- 28. In which animal respiratory surface are found in more than one organ
- (A) birds (B) human (C) fish (D) frog
- 29. The heart is enclosed in a membrane called
- (A) pleura (B) pericardium (C) peritoneum (D) epithelium

- 30. From right ventricle blood is pushed into
- (A) pulmonary trunk (B) brain (C) aorta (D) body

ANSWERS: BIOLOGY MCQS

21. A 22. B 23. D 24. C 25. B 26. C 27. A 28. D 29. B 30. A

- 31. Which one is abundant in lymph
- (A) oxygen (B) lipids (C) water (D) proteins
- 32. Jaws without teeth are found in found in
- (A) birds (B) reptiles (C) fish (D) none of these
- 33. Male reproductive part of flower is
- (A) stigma (B) stamen (C) carpel (D) ovule
- 34. Coordination in plants is by
- (A) nervous system (B) enzymes (C) hormones (D) roots
- 35. The simplest fatty acid is
- (A) palmitic acid (B) butyric acid (C) oleic acid (D) acetic acid
- 36. All enzymes are protein which are
- (A) globular (B) fibrous (C) helical (D) all of these
- 37. Cilia are produced from
- (A) mitochondria (B) cell-membrane (C) centriole (D) cytoplasm
- 38. Which of the following disease is not caused by virus
- (A) T.B (B) AIDS (C) HIV (D) flu
- 39. Which of the following is a filamentous alga
- (A) ulva (B) chlorella (C) acetabularia (D) spirogyra



- 40. Which of the following is not sac fungi
- (A) truffles (B) yeasts (C) mushrooms (D) morels

ANSWERS: BIOLOGY QUIZ

31. D 32. A 33. B 34. C 35. D 36. A 37. C 38. A 39. D 40. C

- 41. 'Cassia fistula' is the scientific name of
- (A) amaltas (B) rose (C) onion (D) tomato
- 42. Phage virus consists of head and
- (A) thorax (B) neck (C) tail (D) none of these
- 43. Bacteria without any flagella are called
- (A) monotrichous (B) atrichous (C) peritrichous (D) lophotrichous
- 44. Protists have been evolved from
- (A) animals (B) plants (C) fungi (D) prokaryotes
- 45. Algae differ from plants in that the sex organs in algae are
- (A) multicellular (B) unicellular (C) acellular (D) none of these
- 46. Fungi can absorb food from the substrate because the have
- (A) sporangium (B) spores (C) rhizoids (D) stalk
- 47. A seed may be defined as a fertilized
- (A) egg (B) ovary (C) ovule (D) embryo
- 48. Platyhelminthes means
- (A) round worms (B) flat worms (C) tape worms (D) pin worms

- 49. The first land vertebrates were
- (A) dipnoi (B) amphibia (C) reptilia (D) aves
- 50. All life on planet earth is powered by
- (A) solar energy (B) thermal energy (C) tidal energy (D) kinetic energy

ANSWERS: BIOLOGY QUIZZES

41. A 42. C 43. B 44. D 45. B 46. C 47. C 48. B 49. B 50. A

- 51. Recombinant DNA is introduced in to host cell by means of
- (A) phage (B) vector (C) bacteria (D) enzyme
- 52. In cystic fibrosis, the patient lacks a gene that codes for trans-membarene carrier of
- (A) sodium ion (B) carbon dioxide (C) chloride ion (D) potassium ion
- 53. Which gene is located on linkage group number 11 in man
- (A) sickle cell anemia (B) leukemia (C) albinism (D) all of these
- 54. In birds the sex is determined by the type of
- (A) sperm (B) autosomes (C) egg (D) none of these
- 55. In RNA nucleotides are attached by
- (A) peptide bonds (B) hydrogen bonds (C) covalent bond (D) phosphodiester bond
- 56. The chromosome is
- (A) gene (B) genes + protein (C) DNA + genes (D) gene + protein
- 57. The human body contains water
- (A) 60-80% (B) 70-90% (C) 75-95% (D) 80-90%
- 58. Environment is a source of
- (A) food (B) shelter (C) clothing (D) all of these

- 59. Fresh water ecosystem covers
- (A) 2% (B) 1% (C) 3% (D) 5%
- 60. Foul smell in lake is produced by
- (A) algae (B) bacteria (C) fungi (D) all of these

ANSWERS: BIOLOGY MCQS

51. B 52. C 53. D 54. C 55. D 56. B 57. B 58. D 59. B 60. D

- 61. Starch is richly present in
- (A) onion (B) apple (C) cereals (D) tomato
- 62. Plants having foreign DNA are known as
- (A) genetic plants (B) recombinant plants (C) cultured plants (D) transgenic plants
- 63. Which of the following kinds of atom do not occur in carbohydrates
- (A) carbon (B) hydrogen (C) nitrogen (D) oxygen
- 64. The basic framework of all types of membranes are
- (A) lipoproteins (B) glycoproteins (C) proteoglycans (D) nucleoproteins
- 65. Single membrane bounded organelle is
- (A) nucleus (B) lysosome (C) ribosome (D) none of these
- 66. Irregular grape like cluster of bacilli is called
- (A) diplo bacilli (B) strepto bacilli (C) staphylo bacilli (D) none of these
- 67. It is generally accepted that plants arose from ancestral
- (A) green algae (B) fungi (C) bacteria (D) all of these
- 68. Main energy reserves in the case of green algae are
- (A) glycogen (B) sucrose (C) glucose (D) starch



- 69. The chief component of the cell wall of the majority of fungi is
- (A) pectin (B) chitin (C) lignin (D) cellulose
- 70. After pollination the pollens are transferred to which part of the flower
- (A) ovary (B) style (C) stigma (D) none of these

ANSWERS: BIOLOGY QUESTIONS

61. C 62. D 63. C 64. A 65. B 66. C 67. A 68. D 69. B 70. C

- 71. Glyoxisomes contain enzymes for
- (A) glyoxylate cycle (B) glycolate cycle (C) Calvin cycle (D) none of these
- 72. Vacuoles serve to
- (A) expand the plant cells (B) sites for storage (C) both in expansion and storage (D) non-specific function
- 73. An isolated virus is not considered living since it
- (A) separate into two parts (B) cannot metabolize (C) rapidly looses its genome (D) all of these
- 74. The predominant phycobilin pigment in cyanobacteria which is of blue colour is
- (A) phycoerythrin (B) phycocyanin (C) fucocyanin (D) fucoxanthin
- 75. Deafness is caused by misuse of
- (A) penicillin (B) tetracycline (C) paracetamol (D) streptomycin
- 76. Cell envelope does not include
- (A) capsule (B) slime layer (C) cell wall (D) cell membrane
- 77. Coenocytes is a fungal body which is
- (A) multi-nucleate aseptate (B) multi-nucleate septate (C) uni-nucleate septate (D) uni-nucleate aseptate
- 78. Bryophytes are

- (A) all heterosporous (B) all homosporous (C) mostly homosporus (D) none of these
- 79. Nephridia are excretory organs in
- (A) round worms (B) lizard (C) earth worm (D) planaria
- 80. Which one is harmful mollusc
- (A) slug (B) snail (C) oyester (D) star fish

ANSWERS: MCQS OF BIOLOGY

71. A 72. C 73. B 74. B 75. D 76. D 77. A 78. B 79. C 80. A

- 81. Which structure is involve in gaseous exchange of plants
- (A) stomata (B) lenticels (C) cuticle (D) all of these
- 82. Common feature of human and insect trachea is
- (A) non-collapsiable wall (B) supporting rings (C) ectodermal origin (D) endodermal origin
- 83. Vomiting occurs due to
- (A) constipation (B) diarrhoea (C) antiperistalsis (D) peristalsis
- 84. Photosynthetic prokaryotes lack
- (A) ribosomes (B) chloroplast (C) cell-membrane (D) vacuole
- 85. Which of the following organ is because of absence of teeth in birds
- (A) crop (B) syrinx (C) stomach (D) gizzard
- 86. The scientific name of jelly fish is
- (A) Aurelia (B) Madrepore (C) Actinia (D) Obelia
- 87. In which plants leaves are always in whorls
- (A) lycopsids (B) psilopsids (C) sphenopsids (D) pteropsids

- 88. In bacterial and viral infection, their is increase in number of
- (A) platelets (B) RBC's (C) antibodies (D) WBC's
- 89. In plants, which are involved in testa formation
- (A) tracheids (B) sclereids (C) sclerenchyma (D) none of these
- 90. The etiolated plants lack
- (A) chlorophyll (B) xanthophyll (C) caroteins (D) none of these

ANSWERS: BASIC BIOLOGY QUIZ

81. D 82. A 83. C 84. B 85. D 86. A 87. C 88. D 89. B 90. A

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ANSWERS: MCQS OF BIOLOGY

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- (A) stomata (B) lenticels (C) cuticle (D) all of these
- 82. Common feature of human and insect trachea is
- (A) non-collapsiable wall (B) supporting rings (C) ectodermal origin (D) endodermal origin
- 83. Vomiting occurs due to
- (A) constipation (B) diarrhoea (C) antiperistalsis (D) peristalsis
- 84. Photosynthetic prokaryotes lack
- (A) ribosomes (B) chloroplast (C) cell-membrane (D) vacuole
- 85. Which of the following organ is because of absence of teeth in birds
- (A) crop (B) syrinx (C) stomach (D) gizzard
- 86. The scientific name of jelly fish is
- (A) Aurelia (B) Madrepore (C) Actinia (D) Obelia
- 87. In which plants leaves are always in whorls
- (A) lycopsids (B) psilopsids (C) sphenopsids (D) pteropsids

- 88. In bacterial and viral infection, their is increase in number of
- (A) platelets (B) RBC's (C) antibodies (D) WBC's
- 89. In plants, which are involved in testa formation
- (A) tracheids (B) sclereids (C) sclerenchyma (D) none of these
- 90. The etiolated plants lack
- (A) chlorophyll (B) xanthophyll (C) caroteins (D) none of these

ANSWERS: BASIC BIOLOGY QUIZ

81. D 82. A 83. C 84. B 85. D 86. A 87. C 88. D 89. B 90. A



Current Affairs

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- 6. Michael Phelps, an American swimmer, won ----- gold medals in Rio Olympics 2016.
- (A) 4 (B) 5 (C) 6 (D) 7
- 7. The Paris agreement of the United Nations Framework Convention on Climate Change is to limit global warming well below
- (A) 1.0 °C (B) 1.5 °C (C) 2.0 °C (D) 2.5 °C
- 8. Recep Tayyip Erdogan was elected as president of Turkey in the presidential elections 2018 for the (A) second time (B) third time (C) fourth time (D) fifth time
- 9. Who is current secretary general of the United Nations?
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- (A) reduction in fossil fuel usage (B) CO2 emissions mitigation (C) reduction in Uranium production (D) greenhouse gases emissions mitigation

ANSWERS: CURRENT AFFAIRS QUIZ

1. B 2. C 3. C 4. B 5. C 6. B 7. C 8. A 9. D 10. D



- 11. Antonio Guterres became secretary general of the United Nations on
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- 12. Secretary general United Nations Antonio Guterres belongs to
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- (A) Vatican Museums (B) State Hermitage Museum (C) Louvre Museum (D) National Museum of China
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ANSWERS: CURRENT AFFAIRS QUIZZES

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- 21. The FIFA World Cup 2026 will be hosted in
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- (A) Opposition Parties (B) Kurds Forces (C) Syria (D) Fethullah Gulen
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- (A) Alice Munro (B) Svetlana Alexievich (C) Bob Dylan (D) Kazuo Ishiguro

ANSWERS: CURRENT AFFAIRS MCQS

21. D 22. C 23. D 24. A 25. C 26. D 27. C 28. A 29. A 30. D

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ANSWERS: CURRENT AFFAIRS QUIZ

31. D 32. B 33. C 34. B 35. B 36. D 37. D 38. B 39. A 40. B

- 41. World's oldest operational space launch facility is located in
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- 42. Which country has the largest reserves of oil?
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- 43. In which country It is mandatory for all male citizens aged 18-27 to serve 1 year in Armed Forces?
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- 44. Which country is the world's top supplier of weapons?
- (A) America (B) Russia (C) Israel (D) Germany
- 45. Which from the following countries is NOT the member of BRICS?
- (A) America (B) Russia (C) China (D) India
- 46. The President of India is
- (A) Sonia Gandhi (B) Dr. Abdul Kalam (C) Chidambaram (D) Pranab Mukherjee
- 47. The headquarter of Human Rights Watch is located in
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- 48. Which country is the largest producer of oil?
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- 49. Which country has the largest reserves of gas?
- (A) Saudi Arabia (B) Iran (C) Russia (D) Qatar
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ANSWERS: CURRENT AFFAIRS QUIZZES

41. C 42. D 43. C 44. B 45. A 46. D 47. B 48. A 49. C 50. C



51. European Union has ----- member states.

- (A) 27 (B) 28 (C) 29 (D) 30
- 52. The Euro currency is used by ----- countries.
- (A) 17 (B) 18 (C) 19 (D) 20
- 53. "Kashmir" is a disputed area between
- (A) India and Sri Lanka (B) India and Bangladesh (C) India and Pakistan (D) Bangladesh and Pakistan
- 54. "Northern Cyprus" is a disputed area between
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- 55. Who is the secretary general of OIC?
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ANSWERS: CURRENT AFFAIRS MCQS

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- 63. The Most populous city in the world is
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- 65. The capital of Ukraine is
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- 66. The head of state of the United Kingdom is
- (A) Queen Elizabeth I (B) Queen Elizabeth II (C) Queen Elizabeth III (D) Queen Elizabeth IV
- 67. Which country is the largest producer of cotton in the world?
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- 68. The first Muslim Nobel Laureate was
- (A) Anwar Sadat (B) Dr. Abdul Salam (C) Dr. Muhammad Younus (D) Yasir Arafat
- 69. Qantas is an airline of
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- 70. AFP is the news agency of
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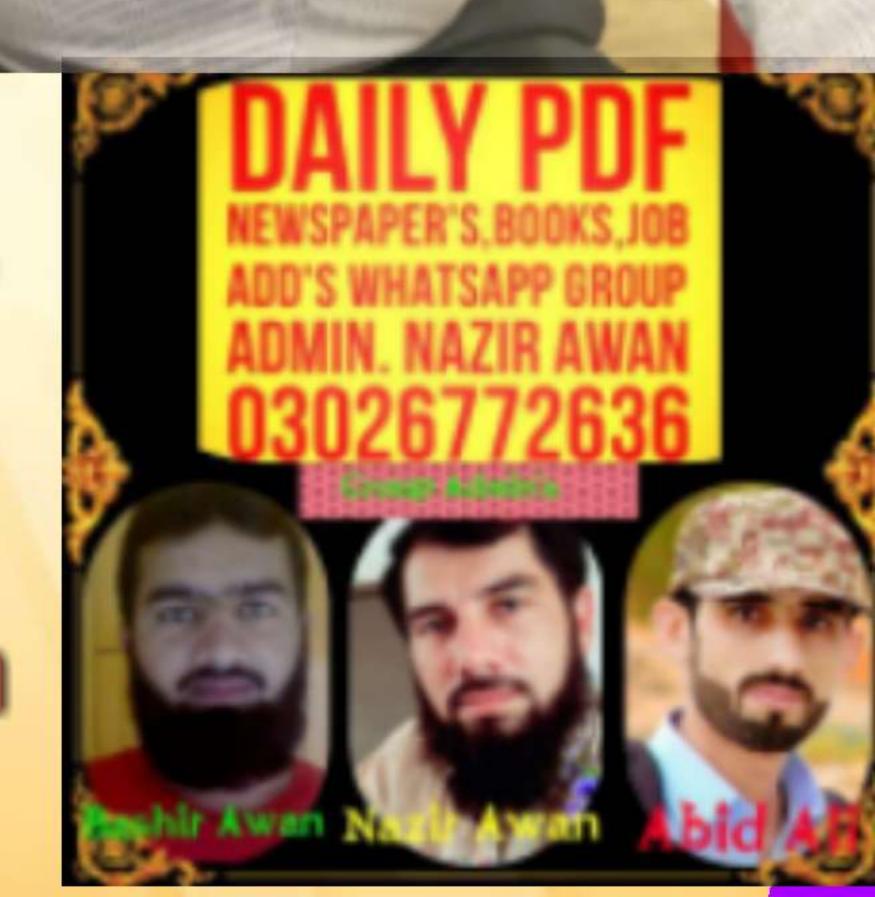
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خدمت میں عظمت ہے

Nazirawan7786@gmail.com



ANSWERS: WORLD AFFAIRS QUIZ

61. A 62. D 63. C 64. D 65. D 66. B 67. B 68. A 69. A 70. B

Economics Quiz



- 1. The fundamental concept of Economics about resources is that the resources are (A) equally distributed (B) unequally distributed (C) scarce (D) unlimited
- 2. Consider a world without scarcity of resources. Then what would be the consequences?(A) All prices would be zero (B) Markets would be unnecessary (C) Economics would no longer be a useful subject (D) All of the above
- 3. Who is considered the founder of Microeconomics?(A) Adam Smith (B) John Keynes (C) Friedrich Hayek (D) Milton Friedman
- 4. Who is considered the founder of modern Macroeconomics?(A) Adam Smith (B) John Keynes (C) Friedrich Hayek (D) Milton Friedman
- 5. When analyzing the impact of a variable on the economic system, the other things
 (A) must be kept constant (B) must also be analyzed (C) must not be taken into consideration (D) none of these
- 6. Inputs are combined with technology to produce outputs. The fundamental inputs (also called factors of production) are
- (A) land and capital (B) land and labor (C) land, labor, and capital (D) land, labor, capital, and investment
- 7. Goods produced to produce yet other goods is called
- (A) final goods (B) capital (C) investment (D) resources
- 8. Which economic term is used to represent inequality in income distribution? (A) GDP (B) GNP (C) Gini (D) HDI
- 9. The value of the good or service forgone by choosing another investment is called

- (A) opportunity cost (B) purchasing power parity (C) disposable income (D) consumer price index
- 10. The central role of markets is to determine the
- (A) quality of goods (B) quantity of goods (C) level of income (D) price of goods

ANSWERS: ECONOMICS QUIZ

1. C 2. D 3. A 4. B 5. A 6. C 7. B 8. C 9. A 10. D

- 11. The branch of economics concerned with overall performance of the economy is known as
- (A) Microeconomics (B) Macroeconomics (C) Econometrics (D) Keynesian Economics
- 12. The branch of economics concerned with the use of statistical methods to obtain empirical results for economic relations is known as
- (A) Microeconomics (B) Macroeconomics (C) Econometrics (D) Keynesian Economics
- 13. The branch of economics concerned with the behavior of markets, firms, and households is known as
- (A) Microeconomics (B) Macroeconomics (C) Econometrics (D) Bayesian Economics
- 14. An economy is producing efficiently when no individual's economic welfare can be improved unless
- (A) supply is increased (B) demand is increased (C) someone else is improved (D) someone else is made worse off
- 15. Taxes are used to discourage ----- of a commodity.
- (A) consumption (B) production (C) saving (D) inflation
- 16. Subsidies are used to encourage ----- of a commodity.
- (A) consumption (B) production (C) saving (D) inflation
- 17. Which from the following economic resources cannot be converted into commodity?
- (A) Land (B) Labour (C) Capital (D) All of these can be converted into commodity
- 18. Which from the following are features of a modern economy?
- (A) Specialization (B) Division of Labor (C) Financial Markets (D) All of the above
- 19. When no firm or consumer is large enough to affect the market price, the market is assumed to have

- (A) perfect competition (B) imperfect competition (C) no competition (D) none of these
- 20. Which from the following are the results of imperfect competition in the markets?
- (A) Monopolies (B) Externalities (C) Public goods (D) All of the above

ANSWERS: ECONOMICS QUIZZES

11. B 12. C 13. A 14. D 15. A 16. B 17. B 18. D 19. A 20. D

- 21. When one event occurred before another event, the fallacy in economic reasoning that the first event caused the second event is called
- (A) the post hoc fallacy (B) failure to hold other things constant (C) the fallacy of composition (D) normative fallacy
- 22. When we assume that what is true for the part is also true for the whole, we are committing (A) the post hoc fallacy (B) failure to hold other things constant (C) the fallacy of composition (D) normative fallacy
- 23. The three fundamental economic problems every human society must confront and resolve are (A) what, how and when (B) what, where and when (C) what, how, and for whom (D) how, where, and for whom
- 24. The three fundamental economic problems of what, how, and for whom are solved by
- (A) supply (B) demand (C) consumption (D) markets
- 25. Fiscal policy consists of government's
- (A) revenue and taxation (B) taxation and credit control (C) expenditure and investment (D) expenditure and taxation
- 26. The maximum quantity of goods that can be efficiently produced by an economy using its scarce resources and available technology is called
- (A) the supply curve (B) the demand curve (C) production-possibility frontier (D) the supply-demand equilibrium

- 27. Which economic term is used to measure the overall performance of an economy?
- (A) GDP (B) GNP (C) Gini (D) HDI
- 28. Productive efficiency occurs when an economy cannot produce ----- of one good without producing ----- of another good.
- (A) more, more (B) more, less (C) less, less (D) none of these
- 29. The concept of invisible hand in the organization of supply and demand in a well-functioning market mechanism refers to the
- (A) self-regulating economy (B) government-controlled economy (C) command economy (D) socialism
- 30. The increase in economic integration among nations is termed as
- (A) specialization (B) market economy (C) globalization (D) equilibrium condition

ANSWERS: ECONOMICS MCQS

- 21. A
- 22. C
- 23. C
- 24. D
- 25. D
- 26. C
- 27. A
- 28. B
- 29. A
- 30. C
- 31. The price elasticity of demand is the percentage change in ----- demanded divided by the percentage change in -----
- (A) supply, price (B) quantity, price (C) price, supply (D) price, quantity
- 32. When price of a commodity increased by 3%, the quantity demanded decreased by 5%. The quantity is said to have
- (A) price-elastic demand (B) price-elastic supply (C) price-inelastic demand (D) price-inelastic supply
- 33. When price of a commodity increased by 5%, the quantity demanded decreased by 3%. The quantity is said to have

- (A) price-elastic demand (B) price-elastic supply (C) price-inelastic demand (D) price-inelastic supply
- 34. When price of a commodity decreased by 4%, the quantity demanded increased by 4%. The quantity is said to have
- (A) unit-elastic demand (B) unit-elastic supply (C) price equilibrium (D) supply-demand equilibrium
- 35. The term recession refers to the
- (A) high employment (B) high unemployment (C) high supply and demand (D) low supply and demand
- 36. What from the following measures a government can take to reduce inequality in the distribution of income?
- (A) Progressive taxation (B) Transfer payments (C) Subsidize consumption of low-income groups (D) All of the above
- 37. Capital is one of the three fundamental inputs called factors of production, which is a produced and durable input and is itself an output of the economy. Which from the following is NOT among capital? (A) clothing (B) Machines (C) highways (D) buildings
- 38. The economic term used to rank countries according to human development is
- (A) GDP Per Capita (B) GNP (C) Gini (D) HDI
- 39. The ultimate goal of economic science is to
- (A) improve the living standard of people (B) obtain the highest possible GDP (C) minimize the unemployment
- (D) obtain equilibrium between inflation and employment
- 40. In which from the following questions, we can only examine the likely consequences of alternative policies, and the answer can be resolved only by discussions?
- (A) Do higher interest rates slow the economy? (B) Do higher interest rates lower inflation? (C) Should a country lower tariff on imports? (D) Does higher employment raise the inflation?

ANSWERS: ECONOMICS QUESTIONS

- 31. B
- 32. A
- 33. C
- 34. A
- 35. B
- 36. D
- 37. A
- 38. D

39. A 40. C

Finance Quiz

- 1. Which from the following is NOT an example of intangible assets?
- (A) Trademarks (B) Patents (C) Buildings (D) Technical expertise
- 2. The following are the examples of financial assets except?
- (A) Stocks (B) Bank Loan (C) Bond (D) Raw material
- 3. The following are important functions of financial markets:
- I. Source of financing
- II. Provide liquidity
- III. Reduce risk
- IV. Source of information
- (A) I and IV only (B) II and III only (C) I, II and III only (D) I, II, III and IV
- 4. The sale of financial assets is also referred to as the
- (A) Capital decision (B) CFO decision (C) Financing decision (D) Investment decision
- 5. The construction of new manufacturing plant is also referred to as the
- (A) Capital decision (B) CFO decision (C) Financing decision (D) Investment decision
- 6. According to the Efficient Market Hypothesis, which from the following is NOT true?

- (A) Analysis predicts price pattern (B) No money machines (C) No arbitrage opportunities (D) Security prices reflect true underlying value of assets
- 7. According to the weak form of market efficiency ----- past information is included in the stock price.
- (A) no (B) all (C) marginal (D) only a few
- 8. We say about a particular investment that it is risky, because
- (A) it is dangerous (B) it has low returns (C) its returns are uncertain (D) its raw material is unavailable
- 9. In Finance, risk is calculated by calculating the
- (A) mean (B) variance (C) standard deviation (D) kurtosis
- 10. The sale of bonds by a country or a corporation is referred to as the
- (A) Investment decision (B) financing decision (C) offering loan (D) capital structure

ANSWERS: FINANCE QUIZ

- 1. C
- 2. D
- 3. D
- 4. C
- 5. D
- 6. A
- 7. B
- 8. C 9. C
- 10. B
- 11. Generally, a corporation is owned by the
- I. Managers
- II. Board of Directors
- III. Stock holders
- IV. stake holders
- (A) II only (B) I and II (C) III only (D) III and IV
- 12. A firm's investment decision is also called the

- (A) financing decision (B) capital budgeting decision (C) liquidity decision (D) none of these
- 13. Conflicts between shareholders and managers' interest is called
- (A) management problem (B) area of the board of directors (C) risk (D) agency problem
- 14. In the principle-agent framework
- (A) managers are the principals (B) directors are the principals (C) shareholders are the principals (D) shareholders are the agents
- 15. The risk that can be eliminated by diversification is called
- (A) specific risk (B) security risk (C) market risk (D) beta
- 16. The risk that cannot be eliminated by diversification is called
- (A) specific risk (B) security risk (C) market risk (D) beta
- 17. Which from the following is the safest investment?
- (A) Treasury bills (B) Government bond (C) Corporate bond (D) Stocks
- 18. The spread of possible outcomes of an investment returns is measured by
- (A) variance (B) standard deviation (C) skewness (D) kurtosis
- 19. Risk is best judged in
- (A) portfolio context (B) individual security context (C) both of these (D) none of these
- 20. In a well-functioning markets two investments that offer the same payoff must have the same
- (A) beta (B) return (C) risk (D) price

ANSWERS: CORPORATE FINANCE QUIZ

- 11. C
- 12. B
- 13. D
- 14. C
- 15. A
- 16. C
- 17. A
- 18. B
- 19. A
- 20. D

- 21. The mixture of debt and equity, used to finance a corporation is also known as
- (A) capital structure (B) capital budgeting (C) investing (D) treasury
- 22. The present value of \$100 expected in two years from today at a discount rate of 5% is
- (A) \$105 (B) \$110.7 (C) \$95 (D) \$90.7
- 23. What will be value of \$100 after two years, if the interest rate during this period is 5%?
- (A) \$105 (B) \$107.5 (C) \$110.25 (D) \$95
- 24. Investors require higher return on
- (A) levered equity (B) unlevered equity (C) both levered and unlevered (D) bond equity
- 25. In a well-functioning capital market if the firm pays no taxes then what is better about borrowing?
- (A) Borrowing is not a good idea in this case (B) No difference who (firm or shareholders) borrows (C) It is better that the firm borrows (D) It is better that the shareholders borrow
- 26. Corporations can return cash to their shareholders by
- (A) paying cash dividends (B) stock repurchase (C) both A and B (D) none of these
- 27. Which from the following is true about stock repurchases?
- (A) Repurchases are more flexible (B) Repurchases are tax-advantaged (C) both A and B (D) none of these
- 28. What should be the goal of a corporation?
- (A) to maximize the profit of the shareholders (B) to maximize the value of the corporation (C) both A and B
- (D) to take care of the interests of the management
- 29. The money a investor receive for taking on a risk is called
- (A) risk premium (B) risk free rate (C) option value (D) arbitrage
- 30. An asset that pays a fixed amount of cash each year for a specified number of years is called
- (A) perpetuity (B) dividend (C) liquidity (D) annuity

ANSWERS: FINANCE QUIZZES

- 21. A
- 22. D
- 23. C
- 24. A
- 25. B
- 26. C

- 27. C
- 28. C
- 29. A
- 30. D
- 31. Net Present Value is calculated as
- (A) cash inflow cash outflow (B) cash outflow cash inflow (C) PV of cash inflow PV of cash outflow (D) PV of cash outflow PV of cash inflow
- 32. An investment should be accepted if its NPV is
- (A) 0 (B) 1 (C) positive (D) negative
- 33. The ratio between the amount of profit and investment is called the
- (A) NPV (B) opportunity cost (C) risk premium (D) rate of return
- 34. An investment should be accepted if
- (A) Rate of Return > Opportunity Cost (B) Rate of Return < Opportunity Cost (C) Rate of Return = Opportunity Cost (D) A, B and C are irrelevent
- 35. Governments and corporations issue bonds to
- (A) borrow money (B) lend money (C) both A and B (D) none of these
- 36. Regular interest payment to the bond holders is called
- (A) principal (B) coupon (C) face value (D) yield
- 37. At maturity the bond holders get back their principal. The principal is called
- (A) coupon (B) face value (C) yield (D) return
- 38. Any economic resource that can produce economic value to the holder is called
- (A) asset (B) return (C) maturity (D) yield
- 39. A collection of assets held by an investor is called
- (A) corporate bond (B) random returns (C) risk premium (D) portfolio
- 40. The risk of a well-diversified portfolio depends on the ----- of the securities included in the portfolio.
- (A) specific risk (B) market risk (C) both A and B (D) none of these

ANSWERS: CORPORATE FINANCE QUIZZES

- 31. C
- 32. C
- 33. D
- 34. A
- 35. A
- 36. B
- 37. B
- 38. A
- 39. D
- 40. B
- 41. The contribution of an individual security to the risk of a well-diversified portfolio is measured by?
- (A) beta (B) variance (C) standard deviation (D) CAPM
- 42. The sensitivity of an asset to the market movements is called
- (A) beta (B) variance (C) standard deviation (D) CAPM
- 43. The average beta of all stocks in a market is
- (A) -1 (B) 0 (C) 1 (D) 1.5
- 44. If the daily prices of a stock on 20 and 21 January are 90 and 100 respectively, then what is the daily rate of return?
- (A) 9.9% (B) 10.10% (C) 11.11% (D) 12.12%
- 45. According to the MM proposition, dividend policy is
- (A) correlated (B) underperformed (C) relevant (D) irrelevant
- 46. In portfolio analysis ----- curves play an important role.
- (A) circle (B) ellipse (C) parabola (D) hyperbola
- 47. If stock prices increases, dividend yield
- (A) also increases (B) decreases (C) remains same (D) increases to one and a half
- 48. According to residual dividend policy, a firm should pay a dividend of all left over when
- (A) zero NPV projects have been funded (B) positive NPV projects have been funded (C) projects with IRR equal to risk-free interest rate have been funded (D) projects with IRR greater than risk-free interest rate have been funded

- 49. The value of probability is always between ----- (inclusive).
- (A) -1 and 0 (B) 0 and 1 (C) -1 and 1 (D) none of these
- 50. The value of correlation is always between ----- (inclusive).
- (A) -1 and 0 (B) 0 and 1 (C) -1 and 1 (D) none of these

ANSWERS: FINANCE MCQS

- 41. A
- 42. A
- 43. C
- 44. C
- 45. D
- 46. D
- 47. B
- 48. B
- 49. B
- 50. C



- 51. If two firms in the same line of business merge together, it is called ----- merger.
- (A) horizontal (B) vertical (C) straight (D) conglomerate
- 52. If two firms at different stages of production merge together, it is called ----- merger.
- (A) horizontal (B) vertical (C) straight (D) conglomerate
- 53. If two firms in unrelated line of business merge together, it is called ----- merger.
- (A) horizontal (B) vertical (C) straight (D) conglomerate
- 54. The measure for calculating how much two random variable change together is called
- (A) variance (B) covariance (C) skewness (D) kurtosis
- 55. The normalized version of covariance is called

- (A) regression (B) correlation (C) cross-section (D) spread
- 56. Suppose our portfolio consists of two stocks A and B. What should be the correlation between them so that we have no risk in our portfolio?
- (A) -1 (B) 0 (C) 1 (D) risk cannot be eliminated
- 57. In the beginning, some companies receive equity investment from wealthy individuals. The wealthy individuals are called
- (A) angel investors (B) corporate investors (C) venture capitalists (D) venture capital firms
- 58. Firms that invest in new companies as they try to grow are called
- (A) spinning (B) underwriters (C) venture capitalists (D) venture capital firms
- 59. An investor will receive \$5,000 and \$10,000 after one and two years from today respectively. If the interest rate during this period is 10% then what is the present value of this cash flow?
- (A) \$12000 (B) \$12450 (C) \$12810 (D) \$13705
- 60. What is volatility if the duration of a bond is 4 years and yield to maturity is 8%?
- (A) 3.1% (B) 3.4% (C) 3.7% (D) 4.0%

ANSWERS: CORPORATE FINANCE MCQS

- 51. A
- 52. B
- 53. D
- 54. B
- 55. B
- 56. A
- 57. A
- 58. D 59. C
- 60. C
- 61. The success of a new company critically depends on
- (A) managers (B) board of directors (C) shareholders (D) venture capitalists

62. Companies go public in order to (A) avoid taxes (B) reduce management cost (C) raise more cash (D) get merge
(ii) avoid taxes (b) reduce management cost (c) raise more easit (b) get merge
63. Companies go public with the help of
(A) venture capital firms (B) underwriters (C) shareholders (D) A, B and C
64. If beta of a stock is then it tends to amplify the overall market movement.
(A) 0 (B) 1 (C) greater than 1 (D) between 0 and 1
65. What is the real rate of interest if nominal rate is 10% and inflation rate is 5%? (A) 4.3% (B) 4.8% (C) 5.3% (D) 5.8%
66. The relationship between short and long term interest rates is called of interest rates. (A) yield to maturity (B) duration (C) volatility (D) term structure
67. Financial managers are interested in when see bond market.
(A) yield to maturity (B) duration (C) volatility (D) term structure
68. Underwriters are also called
(A) bookrunner (B) venture capitalists (C) subscribers (D) angel investors
69. Which from the following is not the role of an underwriter?
(A) They provide procedural and financial advice (B) They buy the issue (C) They resell the issue to the public
(D) They provide funds to the corporation
70. Risk with the duration of bond.
(A) remains same (B) increases (C) decreases (D) multiplied
ANSWERS: FINANCE MULTIPLE CHOICE QUESTIONS
61. A
62. C
63. B
64. C
65. B

- 66. D
- 67. A
- 68. A
- 69. D
- 70. B
- 71. The difference between the public-offer price and the price paid by the underwriter is called
- (A) underpricing (B) spread (C) commission (D) margin
- 72. The underwriters receive their payments in the shape of
- (A) underpricing (B) spread (C) commission (D) margin
- 73. Rights issues are for
- (A) managers (B) directors (C) existing shareholders (D) new shareholders
- 74. The interest rate earned if a financial asset is held until its maturity is called
- (A) term structure (B) spinning (C) yield (D) spread
- 75. The price of a stock is \$100, and it could be \$95 or \$115 the next year. What is the expected return?
- (A) 5% (B) 6% (C) 7% (D) 7.5%
- 76. The price of a stock is \$100, and there are 40% chances that it would be \$95 and 60% chances that it would be \$115 the next year. What is the expected return?
- (A) 5% (B) 6% (C) 7% (D) 7.5%
- 77. A company's agreement with the underwriter include
- (A) spread (B) greenshoe option (C) A and B (D) whiteshoe option
- 78. The long-run returns of Initial Public Offerings (IPOs) tend to ----- the market.
- (A) underperform (B) accelerate (C) amplify (D) none of these
- 79. Spread is ----- for IPOs.
- (A) highest (B) lowest (C) average (D) uncertain
- 80. The value of a financial derivative depends on the
- (A) maturity (B) duration (C) forward interest rate (D) underlying

ANSWERS: CORPORATE FINANCE MULTIPLE CHOICE QUESTIONS

- 71. B
- 72. B
- 73. C
- 74. C
- 75. A
- 76. C
- 77. C
- 78. A
- 79. A
- 80. D
- 81. Which from the following statements is incorrect?
- (A) A European option can only be exercised at expiry (B) An American option can only be exercised at expiry
- (C) A European option is a right but not obligation (D) An American option is a right but not obligation
- 82. An agreement on a telephone or email to buy/sell an asset at an agreed future time for an agreed price is called
- (A) spot contract (B) forward contract (C) future contract (D) swap
- 83. When forward contract is traded on an exchange, it is called
- (A) spot contract (B) future contract (C) call option (D) put option
- 84. On 1 January you enter a contract to buy 1 million barrel of oil for \$80 per barrel to be delivered on 1 March. The price on 1 March is \$82 per barrel. Your gain is
- (A) \$200 (B) \$20000 (C) \$200000 (D) \$2000000
- 85. Allocating stock in popular new issues to manager of their important corporate clients is called
- (A) subscription (B) under-performance (C) rights (D) spinning
- 86. Which from the following issues has the lowest total direct cost?
- (A) straight bonds (B) corporate stocks (C) all issues have same cost (D) none of these
- 87. An option that allows the underwriter to increase the number of shares bought by 15% is called
- (A) spread (B) spinning (C) whiteshoe (D) greenshoe
- 88. A four year zero-coupon bond has 6% yield. What is its duration in years?
- (A) 4 (B) 5 (C) 6 (D) 7

- 89. Changes in interest rates have a ----- impact on the prices of long-term bonds than the short-term bonds.
- (A) greater (B) smaller (C) both have same impact (D) interest rate does not matter
- 90. An investment of \$9,000 today will yield \$10,000 after one year. What is the Net Present Value if the interest rate is 10%?
- (A) \$71 (B) \$81 (C) \$91 (D) \$101

ANSWERS: FINANCE QUESTIONS

- 81. B
- 82. B
- 83. B
- 84. D
- 85. D
- 86. A
- 87. D
- 88. A
- 89. A
- 90. C
- 91. The return that is forgone by investing in the project rather than investing in financial markets at the same level of risk is called
- (A) internal rate of return (B) capital saving (C) opportunity cost (D) opportunity saving
- 92. The party that agrees to buy the underlying asset in a forward contract is said to assumes
- (A) forward position (B) backward position (C) long position (D) short position
- 93. The party that agrees to sell the underlying asset in a forward contract is said to assumes
- (A) forward position (B) backward position (C) long position (D) short position
- 94. If the spot price is \$1200 and the exercise price is \$1000 then the payoff of a party assuming a long position is
- (A) -\$200 (B) \$0 (C) \$1 (D) \$200
- 95. If the spot price is \$1200 and the exercise price is \$1000 then the payoff of a party assuming a short position is
- (A) -\$200 (B) \$0 (C) \$1 (D) \$200

- 96. If the covariance between stock A and market returns is 12, and the standard deviation of market returns is 3 then what is the value of beta?
- (A) 0.96 (B) 1.0 (C) 1.33 (D) 1.45
- 97. Difference between strike price and stock price is called
- (A) intrinsic value (B) option premium (C) time premium (D) none of these
- 98. Option value at expiration is a function of
- I. interest rate
- II. volatility
- III. stock price
- IV. exercise price
- (A) I only (B) III only (C) I and II (D) III and IV
- 99. If market price of the share at expiration is \$100 and exercise price is \$80, then value of a call option at expiration is
- (A) -\$20 (B) \$0 (C) \$1 (D) \$20
- 100. If market price of the share at expiration is \$100 and exercise price is \$80, then value of a put option at expiration is
- (A) -\$20 (B) \$0 (C) \$1 (D) \$20

ANSWERS: CORPORATE FINANCE QUESTIONS

- 91. C
- 92. C
- 93. D
- 94. D
- 95. A
- 96. C
- 97. A
- 98. D
- 99. D
- 100. B





Everyday Science Quiz

1. On 11 February 2016 The LIGO Scientific Collaboration announced the detection of (A) electromagnetic waves (B) seismic waves (C) gravitational waves (D) radio waves
2. The SI unit of charge is (A) Ampere (B) Coulomb (C) Ohm (D) Volt
3. Very High Frequency (VHF) have wavelengths. (A) shorter (B) shortest (C) longer (D) longest
4. Long-sight defect could be corrected by using lens.(A) concave (B) vonvex (C) diverging (D) none of these
5. Deficiency of Vitamin-A results in (A) night blindness (B) rickets (C) scurvy (D) hair fall
6. For a fixed mass of gass at constant temperature, if we decrease volume, the pressure will (A) also decrease (B) increase (C) remains constant (D) none of these
7. The lifespan of Red Blood Cells is days. (A) 60 (B) 120 (C) 180 (D) 240
8. The density of water is (A) 1 g/cm3 (B) 1.5 g/cm3 (C) 2 g/cm3 (D) none of these
9. Radioactivity was discovered by (A) Kelvin (B) Thomson (C) Rutherford (D) Bacquerel
10. A device which converts chemical energy into electrical energy is called (A) motor (B) generator (C) moving-coil meter (D) battery
ANSWERS: EVERYDAY SCIENCE QUIZ
1. C
2. B
3. A
4. B
5. A
6. B

7. B

- 8. A
- 9. D
- 10. D
- 11. The Sun is a
- (A) Star (B) Planet (C) Asteroid (D) Meteor
- 12. The average adult has a blood volume of about ----- liters.
- (A) 4 (B) 5 (C) 6 (D) 7
- 13. The most abundant element in the universe is
- (A) Oxygen (B) Hydrogen (C) Carbon Dioxide (D) Silicon
- 14. The most abundant element in the Earth's crust is
- (A) Oxygen (B) Hydrogen (C) Carbon Dioxide (D) Silicon
- 15. Each day human body breathe in ----- liters of air.
- (A) 5,000 to 10,000 (B) 10,000 to 15,000 (C) 15,000 to 20,000 (D) 20,000 to 25,000
- 16. Deficiency of Vitamin-D results in
- (A) night blindness (B) rickets (C) scurvy (D) hair fall
- 17. The SI unit of "pressure" is
- (A) pascal (B) joule (C) tesla (D) henry
- 18. The most densest substance on the Earth is
- (A) Platinum (B) Copper (C) Steel (D) Osmium
- 19. A camera uses a ----- to form an image.
- (A) convex lens (B) concave lens (C) condenser lens (D) none of these
- 20. Which from the following is NOT a conductor?
- (A) Aluminium (B) Silicon (C) Graphite (D) All are conductors



- 11. A
- 12. B
- 13. B
- 14. A
- 15. C
- 16. B
- 17. A
- 18. D
- 19. A
- 20. D
- 21. CNG stands for?
- (A) Converted Natural Gas (B) Conduced Natural Gas (C) Conducted Natural Gas (D) Compressed Natural Gas
- 22. Which from the following is true for "Sound"?
- (A) Sound cannot travel through a vaccum (B) Sound cannot travel through gases (C) Sound cannot travel through liquids (D) Sound cannot travel through solids
- 23. When white light is passed through a prism, it splits into ----- colours.
- (A) 5 (B) 6 (C) 7 (D) 8
- 24. 1 nanometer = ?
- (A) 10-3 meter (B) 10-6 meter (C) 10-9 meter (D) 10-12 meter
- 25. Instrument used for measuring very high temperature is
- (A) Pyroscope (B) Pyrometer (C) Seismograph (D) Xylometer
- 26. Sound waves are ----- waves.
- (A) Transverse (B) Electromagnetic (C) Longitudinal (D) none of these
- 27. The lifespan of White Blood Cells is ----- day(s).
- (A) 1 (B) 2 (C) 3 (D) 4
- 28. The fluid part of blood is known as
- (A) plasma (B) platelets (C) blood cells (D) hormones
- 29. X-rays were discovered by

(A) Rontgen (B) Thomson (C) Rutherford (D) Bacquerel 30. The speed of light is (A) 280,000 km/s (B) 300,000 km/s (C) 320,000 km/s (D) none of these ANSWERS: EVERYDAY SCIENCE MCQS 21. D 22. A 23. B 24. C 25. B 26. C 27. A 28. A 29. A 30. B 31. During winter in cold countries, the -----is mixed to melt the ice on the icy roads. (A) Salt (B) Chlorine (C) Carbon dioxide (D) Water 32. In a very low temperature which from the following will freeze at last? (A) River water (B) Canal water (C) Sea water (D) Water in a lake 33. The nearest planet to the Earth is (A) Venus (B) Mercury (C) Mars (D) Moon 34. The planet that moves round the Sun at the highest speed is? (A) Jupiter (B) Venus (C) Mars (D) Mercury 35. In general, Comets have ----- orbits. (A) Elliptical (B) Highly elliptical (C) Circular (D) Parabolic 36. GPS is an abbreviation for? (A) Global Poles System (B) Global PolySiliconium Store (C) Global Positioning System (D) Global Position Structure

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37. Oxidation is a chemical reaction involving the

- (A) Gain of Electrons (B) Loss of Electrons (C) Gain of Protons (D) Loss of Protons
- 38. At night, Plants intake ----- and release -----
- (A) Oxygen Carbon dioxide (B) Carbon dioxide Oxygen (C) Oxygen Carbon monoxide (D) Carbon monoxide

Oxygen

- 39. Urine is produced in
- (A) Kidneys (B) Lungs (C) Large intestine (D) Liver
- 40. Blood is cleaned by
- (A) Lungs (B) Liver (C) Heart (D) Kidneys

ANSWERS: EVERYDAY SCIENCE QUIZ

- 31. A
- 32. C
- 33. A
- 34. D
- 35. B
- 36. C
- 37. B
- 38. A
- 39. A
- 40. D



- 41. The position of an element in the Periodic Table is determined by its ----- number.
- (A) Electron (B) Proton (C) Neutron (D) Positron
- 42. The salinity of sea water is determined by the amount of common salt (Sodium Chloride) in ------ of sea water.
- (A) 1 gram (B) 10 grams (C) 1 kg (D) 10 kg
- 43. The planet which is easily visible from the Earth is?
- (A) Mercury (B) Venus (C) Mars (D) Jupiter
- 44. The Great Spot is on the planet
- (A) Saturn (B) Venus (C) Mars (D) Jupiter

- 45. The Great Spot is a
- (A) Mountain (B) Desert (C) Frozen Carbon dioxide (D) Storm
- 46. The bodyguard of the Earth is ----- that save the Earth from many Comets and Asteroids.
- (A) Mars (B) Saturn (C) Uranus (D) Jupiter
- 47. 1 light year = ?
- (A) 9.5×106 km (B) 9.5×109 km (C) 9.5×1012 km (D) 9.5×1018 km
- 48. The planets visible to us without using a telescope are ------.
- (A) 3 (B) 4 (C) 5 (D) 6
- 49. According to Big Bang Theory, the Universe began about ----- billion years ago.
- (A) 10 20 (B) 20 30 (C) 30 40 (D) 40 50
- 50. Biosensor is used to measure?
- (A) Blood glucose level (B) The body pH value (C) Amount of hemoglobin (D) Salinity in Urine

ANSWERS: EVERYDAY SCIENCE QUIZZES

- 41. B
- 42. C
- 43. B
- 44. D
- 45. D
- 46. D
- 47. C
- 48. C
- 49. A
- 50. A
- 51. Einstein's famous equation which states that mass and energy are interchangeable is?
- (A) E = mc2 (B) E = cm2 (C) M = ec2 (D) M = ce2
- 52. The SI unit of electric current is?
- (A) Coloumb (B) Ampere (C) Volt (D) Watt
- 53. The principal constituent of the atmosphere of the Earth is?
- (A) Oxygen (B) Carbon (C) Hydrogen (D) Nitrogen

- 54. What is Dry Ice?
- (A) Solid Oxygen (B) Solid Carbon Dioxide (C) Solid Hydrogen (D) Solid Nitrogen
- 55. What are the primary colours?
- (A) White, Black, Blue (B) Red, Yellow, Blue (C) Red, Orange, Blue (D) Red, Green, Blue
- 56. Digestion of food is completed in the
- (A) small intestine (B) large intestine (C) stomach (D) Liver
- 57. Carrot is good source of Vitamin?
- (A) A (B) B complex (C) C (D) D
- 58. For proper formation of teeth, ----- is essential.
- (A) iodine (B) copper (C) fluorine (D) iron
- 59. Deficiency of ----- causes loss of appetite and poor growth.
- (A) zinc (B) iodine (C) copper (D) iron
- 60. Meteorology is the study of?
- (A) seasons (B) atmosphere (C) air and sounds (D) winds and clouds

ANSWERS: EVERYDAY SCIENCE MCQS

- 51. A
- 52. B
- 53. D
- 54. B
- 55. D
- 56. A
- 57. A
- 58. C
- 59. A
- 60. B
- 61. The Carbon Dioxide in the atmosphere, by volume, is
- (A) 0.039% (B) 3.9% (C) 13% (D) 30%



- 62. Diamond is an allotropic form of
- (A) Carbon (B) Hydrogen (C) Nitrogen (D) Silicon
- 63. The SI unit of Heat is
- (A) Watt (B) Volt (C) Joule (D) Newton
- 64. The good sources of Vitamin-A are
- (A) green leafy vegetables (B) seeds (C) fresh vegetables and fruits (D) sea foods
- 65. The good sources of Vitamin-B Complex are
- (A) green leafy vegetables (B) seeds (C) fresh vegetables and fruits (D) sea foods
- 66. The good sources of Vitamin-C are
- (A) green leafy vegetables (B) seeds (C) fresh vegetables and fruits (D) sea foods
- 67. The good sources of iodine are
- (A) green leafy vegetables (B) seeds (C) fresh vegetables and fruits (D) sea foods
- 68. The gas, commonly known as "laughing gas", is
- (A) Cabon Dioxide (B) Sulfur Dioxide (C) Nitrous Oxide (D) Sodium Oxide
- 69. The source of oxygen in photosynthesis is
- (A) water (B) salts (C) minerals (D) glucose
- 70. The instrument used to measure wind speed is
- (A) Anemometer (B) Barometer (C) Hydrometer (D) Hygrometer

ANSWERS: SCIENCE QUIZ

- 61. A
- 62. A
- 63. C
- 64. A
- 65. B
- 66. C
- 67. D
- 68. C
- 69. A
- 70. A

- 71. The natural fats and oils are composed of
- (A) Carbon, Hydrogen and Oxygen (B) Carbon, Hydrogen and Nitrogen (C) Carbon, Oxygen and Nitrogen (D) Hydrogen, Oxygen and Nitrogen
- 72. The energy value of food is measured in
- (A) Joule (B) Calories (C) Tesla (D) Proteins
- 73. Wind energy is the ----- energy.
- (A) Potential (B) Transverse (C) Kinetic (D) Mechanical
- 74. Who is considered the founder of meteorology?
- (A) Aristotle (B) Plato (C) Einstein (D) Newton
- 75. Water covers ----- of the Earth's surface.
- (A) 60% (B) 65% (C) 70% (D) 75%
- 76. In general, wind speed of 105–137 caused
- (A) minor or no damage (B) considerable damage (C) severe damage (D) extreme damage
- 77. Acid rain is mainly caused by emissions of ----- in the atmosphere.
- (A) Sulfur Dioxide and Potassium Nitrate (B) Sulfur and Charcoal (C) Nitrogen Oxide and Potassium Nitrate (D) Sulfur Dioxide and Nitrogen Oxide
- 78. About 50% of the Earth's crust, including the waters on the Earth and atmosphere, is
- (A) Oxygen (B) Cabon Dioxide (C) Silicon (D) Clay
- 79. The fourth state of matter is
- (A) Water (B) Salts (C) Vapours (D) Plasma
- 80. The device used to convert Alternate Current into Direct Current is called
- (A) Anemometer (B) Battery (C) Galvanometer (D) Rectifier

ANSWERS: SCIENCE QUIZZES

71. A

- 72. B
- 73. C
- 74. A
- 75. C
- 76. A
- 77. D
- 78. A
- 79. D
- 80. D
- 81. In night, when photosynthesis is stopped, plants
- (A) take in Carbon Dioxide (B) take in Oxygen (C) give off Carbon Dioxide (D) give off Oxygen
- 82. During photosynthesis, plants
- (A) take in Carbon Dioxide (B) take in Oxygen (C) give off Carbon Dioxide (D) give off Oxygen
- 83. ---- are called the powerhouses of the cell.
- (A) Mitochondria (B) Vesicles (C) Lungs (D) Liver
- 84. Mitochondria contain their own supply of
- (A) DNA (B) Amino acids (C) Vitamins (D) Oxygen
- 85. The first chemical explosive, Gunpowder, is a mixture of
- (A) Sulfur, Charcoal and Nitrogen Oxide (B) Sulfur, Charcoal, and Potassium Nitrate (C) Sulfur and Charcoal (D) Charcoal and Potassium Nitrate
- 86. The number of oscillations per second is called the
- (A) hertz (B) waves (C) pitch (D) frequency
- 87. Sound waves from a loudspeaker are caused by
- (A) frequency (B) vibrations (C) pitch (D) amplitude
- 88. The guitar has ----- strings.
- (A) 4 (B) 5 (C) 6 (D) 7
- 89. The device used to measure movements of the heart is
- (A) Cardiograph (B) Seismograph (C) Hydrometer (D) Hygrometer

- 90. The unit used to measure 'Pressure' is
- (A) pascal (B) newton (C) watt (D) tesla

ANSWERS: SCIENCE MCQS

- 81. C
- 82. D
- 83. A
- 84. A
- 85. B
- 86. D
- 87. B
- 88. C
- 89. A
- 90. A
- 91. There are ----- methods of heat transfer.
- (A) 3 (B) 4 (C) 5 (D) 6
- 92. Which from the following is NOT a method of heat transfer?
- (A) Conduction (B) Convection (C) Radiation (D) All are methods of heat transfer
- 93. If we heat one end of metallic rod, the other end gets hot. The method of heat transfer is
- (A) Conduction (B) Convection (C) Radiation (D) None of these
- 94. A person seated in front of a fire receives heat by
- (A) Conduction (B) Convection (C) Radiation (D) None of these
- 95. The unit used to measure 'magnetic flux' is
- (A) pascal (B) farad (C) weber (D) henry
- 96. Battery was invented by
- (A) Volta (B) Hero (C) Fermi (D) Maiman
- 97. The most abundant element in the earth's crust is oxygen. The second most abundant element in the earth's crust is
- (A) Hydrogen (B) Nitrogen (C) Brass (D) Silicon

- 98. The nearest planet to the Sun is
- (A) Mercury (B) Venus (C) Mars (D) Jupiter
- 99. Bronze is an alloy of
- (A) Iron, Carbon (B) Copper, Tin (C) Nickel, Zinc (D) Mercury, Lead
- 100. Molecules with identical molecular formulae but with different structural formulae are called
- (A) Isotopes (B) Isomers (C) Electrode (D) Compound

ANSWERS: GENERAL SCIENCE QUIZ

- 91. A
- 92. D
- 93. A
- 94. C
- 95. C
- 96. A
- 97. D
- 98. A
- 99. B
- 100. B
- 101. One way of transfer of heat energy is 'convection' which occurs in
- (A) Liquids only (B) Gasses only (C) Liquids and gasses (D) Liquids, gasses and solids
- 102. Which from the following is incompressible
- (A) Solids (B) Liquids (C) Gasses (D) All are compressible
- 103. The key factor in determining the weather is the quantity of ------ in the atmosphere.
- (A) Water vapour (B) Oxygen (C) Carbondioxide (D) Hydrogen
- 104. The entropy of the universe is
- (A) Increasing (B) Decreasing (C) Constant (D) None of these
- 105. Which from the following methods of heat transfer can take place in a vaccum?
- (A) Canduction (B) Convection (C) Radiation (D) All of the above
- 106. Neutrons were discovered by



- (A) Einstein (B) James Chadwick (C) F.W. Aston (D) Rutherford
- 107. Mass Spectrograph was invented by
- (A) Einstein (B) James Chadwick (C) F.W. Aston (D) Rutherford
- 108. Nucleus was discovered by
- (A) Einstein (B) James Chadwick (C) F.W. Aston (D) Rutherford
- 109. Which is the process of science?
- (A) Observation > Experiments > Hypothesis (B) Hypothesis > Observations > Experiments (C) Observation > Hypothesis > Experiments (D) Experiments > Observations > Hypothesis
- 110. Salty water can be made pure by the method of
- (A) filtration (B) evaporation (C) chromatography (D) distillation

ANSWERS: GENERAL SCIENCE QUIZZES

- 101. C
- 102. B
- 103. A
- 104. A
- 105. C
- 106. B
- 107. C
- 108. D
- 109. C
- 110. D
- 111. The unit of efficiency is
- (A) Volt (B) Watt (C) Joules (D) None of these
- 112. Which from the following is NOT a stored energy?
- (A) Thermal (B) Gravitational (C) Elastic potential energy (D) Chemical
- 113. Energy can be converted from one form to another, but all energy ends up as
- (A) Kinetic energy (B) Potential energy (C) Heat energy (D) Chemical energy
- 114. A battery converts ----- into electrical energy.



- (A) Potential energy (B) Chemical energy (C) Nuclear energy (D) Mechanical energy
- 115. Which from the following is NOT a renewable energy resource?
- (A) Geothermal (B) Biomass (C) Solar (D) Nuclear
- 116. Which from the following is NOT a non-renewable energy resource?
- (A) Coal (B) Natural gas (C) Nuclear (D) Geothermal
- 117. Current is the flow of
- (A) Electrons (B) Protons (C) Neutrons (D) Voltage
- 118. The unit of current is
- (A) Volt (B) Ampere (C) Ohm (D) Watt
- 119. To prevent electric shocks, a/an ------ is placed in the circuit.
- (A) Ammeter (B) Voltmeter (C) Fuse (D) Diode
- 120. Electrons were discovered by
- (A) James Chadwick (B) J.J. Thomson (C) F.W. Aston (D) Rutherford

ANSWERS: GENERAL SCIENCE MCQS

- 111. D
- 112. A
- 113. C
- 114. B
- 115. D
- 116. D
- 117. A
- 118. B
- 119. C
- 120. B



- 121. When molten rock cools and solidifies, the ----- are formed.
- (A) igneous rocks (B) satimantary rocks (C) metamorphet rocks (D) none of these
- 122. Molten rock below the surface of the Earth is called?
- (A) Lava (B) Magma (C) Crystals (D) Granite

- 123. Molten rock above the surface of the Earth is called?
- (A) Lava (B) Magma (C) Crystals (D) Granite
- 124. The metal which is liquid at room temperature is?
- (A) Zinc (B) Nickol (C) Lead (D) Mercury
- 125. Between the melting point and boiling point of a substance, the substance is a?
- (A) Solid (B) Liquid (C) Gas (D) Crystal
- 126. The boiling point of alcohol is
- (A) 78 °C (B) 86 °C (C) 94 °C (D) 100 °C
- 127. The visible cloud of dust and gas in space is called?
- (A) White Dwarf (B) Supernova (C) Nebula (D) Galaxy
- 128. The average salinity of the Earth's oceans in 1 kilogram of sea water is about ------ grams of salt.
- (A) 90 (B) 25 (C) 30 (D) 35
- 129. The most abundant substance that constitutes the mass of the Earth is?
- (A) Iron (B) Oxygen (C) Nitrogen (D) Silicon
- 130. The Earth's atmosphere is divided into ----- main layers.
- (A) 4 (B) 5 (C) 6 (D) 7

ANSWERS: DAILY SCIENCE QUIZ

- 121. A
- 122. B
- 123. A
- 124. D
- 125. B
- 126. A
- 127. C 128. D
- 129. A
- 123. ^
- 130. B

- 131. Rocks which are formed by high temperature and pressure on existing rocks over a period of time are called ------ rocks.
- (A) igneous (B) metamorphic (C) sedimentary (D) crystal
- 132. Marble and slate are examples of
- (A) igneous rocks (B) metamorphic rocks (C) sedimentary rocks (D) crystals
- 133. Sandstone and limestone are examples of
- (A) igneous rocks (B) metamorphic rocks (C) sedimentary rocks (D) crystals
- 134. Absolute zero, which is the lower limit of the thermodynamic temperature scale, is equivalent to ------ on the Celsius scale.
- (A) 273 °C (B) 0 °C (C) 100 °C (D) 973 °C
- 135. The diameter of the Earth's equator is larger than the pole-to-pole diameter by
- (A) 40 km (B) 43 km (C) 46 km (D) 49 km
- 136. The Tectonic Plates of the Earth lies in
- (A) Inner Core (B) Outer Core (C) Lithosphere (D) Asthenosphere
- 137. There are ----- major tectonic plates.
- (A) 4 (B) 5 (C) 6 (D) 7
- 138. The fresh water on the Earth is ----- of the total water.
- (A) 2.5% (B) 5% (C) 7.5% (D) 10%
- 139. The Ozone Layer lies in the
- (A) troposphere (B) stratosphere (C) mesosphere (D) thermosphere
- 140. The Earth's atmosphere is divided into ------ layers.
- (A) 4 (B) 5 (C) 6 (D) 7

ANSWERS: DAILY SCIENCE QUIZZES

- 131. B
- 132. B
- 133. C
- 134. A
- 135. B
- 136. C

- 137. D
- 138. A
- 139. B
- 140. B
- 141. Which type of rock may contain fossils?
- (A) Igneous (B) Metamorphic (C) Sedimentary (D) Crystals
- 142. The mass is highly concentrated form of
- (A) Weight (B) Energy (C) Force (D) Momentum
- 143. The whole Earth can be covered by ----- geo-stationary satellites.
- (A) 3 (B) 4 (C) 5 (D) 6
- 144. The ozone layer is at height of ------ kilometers from the surface of the Earth.
- (A) 10 to 20 (B) 20 to 30 (C) 30 to 40 (D) 40 to 50
- 145. The ozone layer was discovered by
- (A) F.W. Aston and J.J Thomson (B) Albert Einstein (C) Rutherford (D) Charles Fabry and Henri Buisson
- 146. The interior structure of the Earth is divided into ----- layers.
- (A) 4 (B) 5 (C) 6 (D) 7
- 147. We live on the Earth's
- (A) Inner core (B) Outer core (C) Crust (D) Mantle
- 148. The thickest layer of the Earth is
- (A) Crust (B) Inner core (C) Outer core (D) Mantle
- 149. The outermost layer of the Earth is
- (A) Crust (B) Inner mantle (C) Outer mantle (D) Core
- 150. The Earth's crust ranges from ----- km in depth.
- (A) 0-5 (B) 5-10 (C) 5-70 (D) 10-70

ANSWERS: DAILY SCIENCE MCQS

- 141. C
- 142. B

- 143. A
- 144. B
- 145. D
- 146. B
- 147. C
- 148. D
- 149. A
- 150. C
- 151. The Earth's internal heat mainly comes from
- (A) Liquid hydrogen (B) Chemical reactions (C) Radioactive decay (D) Molecular kinetic energy
- 152. There are different reasons on the Earth because of
- (A) Rotation of the Earth (B) Revolution of the Earth (C) The Earth's axis is tilted (D) The Earth's distance from the Sun
- 153. On average, Air contains ----- % of water vapour.
- (A) 1 (B) 3 (C) 5 (D) 7
- 154. Earth's troposphere extends from the Earth's surface to an average height of about ------ km.
- (A) 10 (B) 12 (C) 15 (D) 17
- 155. The science of lightning is called
- (A) Aerology (B) Meteorology (C) Electeorology (D) Fulminology
- 156. Ships use ------ to find the depth of the ocean beneath them.
- (A) Pictches (B) Echoes (C) Frequencies (D) None of these
- 157. Molecules with identical molecular formulae but with different structural formulae are called
- (A) Isomers (B) Isotopes (C) Atomic number (D) Mass number
- 158. The anode is the electrode connected to the ------ terminal of a battery.
- (A) Positive (B) Negative (C) Neutral (D) Free
- 159. The unit used to measure humidity is
- (A) Barometer (B) Hydrometer (C) Hygrometer (D) Galvanometer

160. Laser was invented by

(A) Volta (B) Sturgeon (C) Hero (D) Maiman

ANSWERS: BASIC SCIENCE QUIZ

- 151. C
- 152. C
- 153. A
- 154. B
- 155. D
- 156. B
- 157. A
- 158. A
- 159. C
- 160. D
- 161. The vernier calipers is used to measure
- (A) Length (B) Time (C) Temperature (D) Viscosity
- 162. Atomic clock is used to measure ----- intervals of time.
- (A) Very short (B) Short (C) Very long (D) Long
- 163. 1 tonne = ----- kg
- (A) 100 (B) 400 (C) 1000 (D) 4000
- 164. An instrument used to measure atmospheric pressure is
- (A) Ammeter (B) Manometer (C) Galvanometer (D) Barometer
- 165. An instrument used to measure gas pressure is
- (A) Ammeter (B) Manometer (C) Galvanometer (D) Barometer
- 166. Which electromagnetic wave has the longest wavelength?
- (A) Gamma rays (B) X-rays (C) Microwaves (D) Radio waves
- 167. Which electromagnetic wave has the shortest wavelength?
- (A) Gamma rays (B) X-rays (C) Microwaves (D) Radio waves



- 168. All electromagnetic waves have the same
- (A) Frequency (B) Amplitude (C) Wavelength in vaccum (D) Speed in vaccum
- 169. The reflection of sound is called
- (A) Frequency (B) Vibration (C) Echo (D) Wave
- 170. An instrument used to measure electric current is called
- (A) Ammeter (B) Barometer (C) Galvanometer (D) Manometer

ANSWERS: BASIC SCIENCE QUIZZES

- 161. A
- 162. A
- 163. C
- 164. D
- 165. B
- 166. D
- 167. A
- 168. D
- 169. C
- 170. A
- 171. The SI unit of thermodynamic temperature is
- (A) Celsius (B) Fahrenheight (C) Kelvin (D) None of these
- 172. The shortest distance between crest to crest is called
- (A) phase (B) thoughs (C) amplitude (D) wavelength
- 173. The speed of sound is fastest in
- (A) Solids (B) Liquids (C) Gasses (D) Vaccum
- 174. The speed of sound is slowest in
- (A) Solids (B) Liquids (C) Gasses (D) Vaccum
- 175. Radioactivity was discovered by
- (A) Henri Becquerel (B) Pierre Curie (C) Marie Curie (D) Rutherford
- 176. Which from the following has the greatest ionising power?
- (A) Alpha particles (B) Beta particles (C) Gamma rays (D) All three has same ionising power



- 177. Which from the following has the greatest penetrating power?
- (A) Alpha particles (B) Beta particles (C) Gamma rays (D) All three have same penetrating power
- 178. Which from the following has the greatest speed?
- (A) Alpha (B) Beta (C) Gamma (D) None
- 179. At night
- (A) The land cools faster than the water in the sea (B) The water in the sea cools faster than the land (C) The land and the water in the sea cools together (D) None of these
- 180. The chemical name of chalk is
- (A) Sodium nitrate (B) Zinc sulfate (C) Sulphuric acid (D) Calcium carbonate

ANSWERS: BASIC SCIENCE MCQS

- 171. C
- 172. D
- 173. A
- 174. C
- 175. A
- 176. A
- 177. C
- 178. C
- 179. A
- 180. D
- 181. The branch of science which study the interaction between matter and radian energy is called
- (A) Thermochemistry (B) Polymer chemistry (C) Spectroscopy (D) Electrochemistry
- 182. The horizontal rows of the periodic table are called
- (A) Groups (B) Periods (C) Sets (D) Matrices
- 183. The vertical coloumns of the periodic table are called
- (A) Groups (B) Periods (C) Sets (D) Matrices
- 184. Which metallic element is liquid at room temperature?
- (A) Zinc (B) Nickel (C) Lead (D) Mercury

185. Which non-metallic element is liquid at room temperature? (A) Bromine (B) Flourine (C) Chlorine (D) Phosphorous 186. Battery charger converts electrical energy into ----- energy. (A) Kinetic (B) Potential (C) Chemical (D) Nuclear 187. A loudspeaker changes ----- energy into sound energy. (A) Chemical (B) Electrical (C) Light (D) Kinetic 188. The strongest part(s) of a magnet is/are (A) North pole (B) South pole (C) North and south pole (D) Median of north and south pole 189. Electromagnetic induction was discovered by (A) Carnot (B) Volta (C) Faraday (D) Bessel 190. Battery was invented by (A) Carnot (B) Volta (C) Faraday (D) Bessel **ANSWERS: MCQS OF EVERYDAY SCIENCE** 181. C 182. B 183. A 184. D 185. A 186. C 187. B 188. C 189. C 190. B 191. The most abundant form of matter in the universe is (A) Solid (B) Liquid (C) Gas (D) Plasma 192. When gas is ionized, ----- forms. (A) Molecule (B) Element (C) Plasma (D) Current 193. Wind is caused by

- (A) Difference in atmospheric pressure (B) Difference in atmospheric temperature (C) Rotation of the Earth (D) Revolution of the Earth
- 194. Wind speed is measured by
- (A) Anemometer (B) Barometer (C) Ceilometer (D) Galvanometer
- 195. The fact that universe is expanding was discovered by
- (A) Hahn (B) Hubble (C) Rontgen (D) Rutherford
- 196. X-rays were discovered by
- (A) Hahn (B) Hubble (C) Rontgen (D) Rutherford
- 197. The Nobel prize in physics for the discovery of the law of photoelectric effect was awarded to
- (A) Newton (B) Einstein (C) Rontgen (D) Rutherford
- 198. The symbol of gold is
- (A) Au (B) Ag (C) Fe (D) Sg
- 199. Plaster of Paris is produced by heating
- (A) Graphite (B) Gypsum (C) Zinc (D) Lead
- 200. Which from the following is NOT true about Helium gas
- (A) Colourless (B) Odorless (C) Tasteless (D) Toxic

ANSWERS: MCQS OF SCIENCE

- 191. D
- 192. C
- 193. A
- 194. A
- 195. B
- 196. C
- 197. B
- 198. A
- 199. B
- 200. D
- 201. Which is the largest excretory organ of the body

- (A) lungs (B) skin (C) liver (D) none of these
- 202. The brain is enclosed in a bony case called
- (A) diaphragam (B) vertebral column (C) cranium (D) vertebrae
- 203. Which is the bone that is present in forelimb
- (A) radius (B) femur (C) ribs (D) sternum
- 204. Which one is herbivore
- (A) cat (B) dog (C) cow (D) lion
- 205. Which structure helps in transport of water in plants
- (A) phloem (B) leaf (C) bark (D) xylem
- 206. The organisms that can make their own food are called
- (A) producers (B) consumers (C) secondary consumers (D) decomposers
- 207. Bacteria are
- (A) eukaryotes (B) prokaryotes (C) non-living (D) none of these
- 208. Bile juice is secreted by
- (A) pancreas (B) stomach (C) intestine (D) gall bladder
- 209. Which part of the blood cells provide immunity
- (A) RBC (B) WBC (C) platelet (D) blood plasma
- 210. Which structure prevent water loss in plants
- (A) cuticle (B) bark (C) mesophyll (D) leaf

ANSWERS: MCQS OF GENERAL SCIENCE

- 201. B
- 202. C
- 203. A
- 204. C
- 205. D
- 206. A
- 207. B
- 208. D
- 209. B

210. A



Computer Science Quiz

- 1. The major language of World Wide Web is
- (A) HTML (B) PHP (C) ASP.NET (D) Java
- 2. HTML is an abbreviation for?
- (A) HiTech Meaningful Language (B) HyperText Meaningful Language (C) HiTech Markup Language (D) HyperText Markup Language

- 3. -------- is a device from where the information is sent.
 (A) Transmitter (B) Spreadsheet (C) Simulation (D) Modulation
 4. ------- is a mathematical model of a real system in the form of a computer program.
 (A) Transmitter (B) Spreadsheet (C) Simulation (D) Modulation
 5. LAN is an abbreviation for?
 (A) Large Access Network (B) Local Access Network (C) Large Area Network (D) Local Area Network
 6. In peer-to-peer networking,
 (A) there is only one server and many clients (B) there is only one client and many servers (C) every computer is capable of playing the role of server (D) every computer is capable of playing the role of client, server or both at the same time

 7. URL is an abbreviation for?
 (A) Universal Resource Locator (B) Uniform Resource Locator (C) Universal Resource Location (D) Uniform Resource Location
 8. The network in which we connect each node to the network along a single piece of network cable is called (A) Bus Network Topology (B) Star Network Topology (C) Ring Network Topology (D) None of these
- 10. FTP is an abbreviation for?
- (A) File Transfer Position (B) File Transfer Protection (C) File Transfer Protocol (D) File Transfer Possibility

(A) Bus Network Topology (B) Star Network Topology (C) Ring Network Topology (D) None of these

9. The network in which we connect each network node to a central device (hub) is called

- 1. A
- 2. D
- 3. A
- 4. C
- 5. D
- 6. D
- 7. B
- 8. A
- 9. B
- 10. C

- 11. IDE stands for?
- (A) Integrated Dual Environment (B) Inter Development Environment (C) Integrated Development Environment (D) Inter Dual Environment
- 12. A language that is closed to human language is called
- (A) Low-Level language (B) High-Level language (C) Programming language (D) Machine language
- 13. CBT stands for?
- (A) Computer Based Training (B) Computer Based Trading (C) Computer Based Technology (D) None Of These
- 14. A virus that replicates itself is called
- (A) Bug (B) Worm (C) Bomb (D) Hoax
- 15. The tool used to find a similar word in a document is called
- (A) Finder (B) Thesaurus (C) Dictionary (D) Find and Replace
- 16. Which of the following components of physical database design refer to the correctness and consistency of data?
- (A) Indexes (B) Integrity constraints (C) File organization (D) Data Distribution strategy
- 17. conio.h stands for?
- (A) character input output (B) console input output (C) common input output (D) complex input output
- 18. Duplication of data in multiple files is called
- (A) Data Redundancy (B) Data Dependence (C) Data Inconsistency (D) None Of These
- 19. A relation that contains minimal redundancy and allows easy use is called
- (A) Clean (B) Simple (C) Complex (D) Well-Structured
- 20. SQL stands for?
- (A) Structured Query Language (B) Sequential Query Language (C) Simple Query Language (D) None Of These

- 11. C
- 12. B
- 13. A
- 14. B

- 15. B
- 16. C
- 17. B
- 18. A
- 19. D
- 20. A
- 21. Which register stores the result of ALU operations?
- (A) Data Register (B) Instruction Register (C) Data Address Register (D) Accumulator Register
- 22. A collection of rules for writing programs in a programming language is known as
- (A) Syntax (B) Program logic (C) Program Standards (D) None Of These
- 23. Which one connects two similar network segments?
- (A) Router (B) Bridge (C) Gateway (D) Node
- 24. Which of the following device uses the parallel transmission?
- (A) Mouse (B) Keyboard (C) Printer (D) Light Pen
- 25. What is a diagrammatic way of representing the relationship between the entities in a database?
- (A) Flowchart (B) ERD (C) DFD (D) Algorithm
- 26. Which transmission allows data to travel in both directions but only one direction at a time?
- (A) Simplex (B) Full duplex (C) Half duplex (D) Reverse
- 27. Another name for free software is?
- (A) Encrypated Software (B) Copy Protected Software (C) Shareware (D) Public Domain Software
- 28. DPI stands for?
- (A) Dot Per Inch (B) Decimal Per Inch (C) Digit Per Inch (D) Data Per Inch
- 29. A small high speed memory insidse CPU is
- (A) RAM (B) ROM (C) Cache (D) Register
- 30. ----- are used to evaluate compound conditions.
- (A) Arithmetic Operators (B) Logical Operators (C) Relational Operators (D) Assignment Operators

ANSWERS: COMPUTER SCIENCE MCQs

21. D
22. A
23. B
24. C
25. B
26. C
27. D
28. A
29. D
30. B
31. MICR stands for?
(A) Magic In Character Redo (B) Magnetic Ink Character Recorder (C) Magnetic Ink Character Reader (D) Non-Of These
32 is used to control all the parts of a manufacturing process. (A) ATM (B) CAM (C) CAD (D) MICR
33. CPU consists of the following parts: (A) Control unit and ALU (B) CU and Main memory (C) Main memory and ALU (D) Operating system and Mair memory
34. MHz stands for?
(A) Millihertz (B) Microhertz (C) Megahertz (D) None Of These
35. DRAM stands for?
(A) Digital Random Access Memory (B) Dynamic Random Access Memory (C) Digital Read Access Memory (D)
Dynamic Read Access Memory
36. The dots that compose the image of a digital photograph are called
(A) Points (B) Resolution Points (C) Digital Points (D) Pixels
37. A type of reader commonly used to read UPC code is
(A) Bar-code reader (B) Optical-mark reader (C) Magnetic-ink reader (D) Both A and C
38. Caps Lock is a:
(A) Window key (B) Modifier key (C) Toggle key (D) Cursor control key

- 39. GPS stands for?
- (A) Global Pointing System (B) Global Positioning System (C) Google Positioning System (D) None Of These
- 40. Internet surfing is an example of:
- (A) Half duplex (B) Simplex (C) Full duplex (D) None Of These

- 31. C
- 32. B
- 33. A
- 34. C
- 35. B
- 36. D
- 37. A
- 38. C
- 39. B
- 40. A
- 41. Analog signal is measured in:
- (A) Volt (B) Hertz (C) Digits (D) WATTS
- 42. ----- uses liquid crystal between the glass plates.
- (A) ELD (B) LCD (C) CRT (D) None of These
- 43. Open System Interconnection(OSI) model consists of ------ layers.
- (A) Eight (B) Six (C) Seven (D) Five
- 44. Which of the following coding schemes uses 4-bit code?
- (A) Unicode (B) ASCII (C) EBCDIC (D) BCD
- 45. Which of the following communication medium requires "line-of-sight"?
- (A) Microwave (B) Fiber-Optic cable (C) Twisted-Pair cable (D) Coaxial cable
- 46. ----- is a collection of system programs that controls and co-ordinates the overall operations of a computer system.
- (A) System software (B) Operating system (C) Utility program (D) Device driver



47. The translated program into machine code is called
(A) Source program (B) Object program (C) System program (D) None Of These
48. FormatC is an example of virus
(A) Chernobal (B) Logic Bomb (C) Boot Sector (D) Torjan Horse
49. What type of operating system MS-DOS is?
(A) Command Line Interface (B) Graphical User Interface (C) Multitasking (D) Menu Driven Interface
50. Which of the following keyboard shortcuts is used to change the case?
(A) Ctrl+F3 (B) Alt+F3 (C) Shift+F3 (D) Ctrl+Shift+F3
ANSWERS: COMPUTER SCIENCE QUIZZES
41. A
42. B
43. C
44. D
45. A
46. B
47. B
48. D
49. A
50. C
51. Which technology is used in compact disks?
(A) Mechanical (B) Electrical (C) Electro Magnetic (D) Laser
52. Operating system, editors and debuggers come under?
(A) System software (B) Application software (C) Utilities (D) None Of These
53. Which one is the Low-Level language?
(A) Visual Basics (B) Java (C) Assembly (D) C++
54. A modulator is used to convert:
(A) Digital signals into analog signals (B) Analog signals into digital signals (C) Both A and B (D) None Of These

55. Which one is a Dot Matrix printer?

- (A) Laser Printer (B) Inkjet Printer (C) Impact Printer (D) Drum Printer
- 56. CRT stands for?
- (A) Cathode Rays Tube (B) Clarity Rays Tube (C) Crystal Rays Tube (D) None Of These
- 57. A computer program that translates one statement of program instructions at a time into machine language is called
- (A) CPU (B) Interpreter (C) Compiler (D) Simulator
- 58. NTFS stands for?
- (A) New Trend File Saving (B) Network File Saving (C) New Technology File System (D) None Of These
- 59. In MS Windows key F1 is mostly used for
- (A) Help (B) Exit (C) Save (D) Refresh
- 60. 1 Gigabyte is equal to
- (A) 1024 bits (B) 1024 bytes (C) 1024 kilobytes (D) 1024 megabytes

ANSWERS: COMPUTER SCIENCE MCQS

- 51. D
- 52. A
- 53. C
- 54. A
- 55. C
- 56. A
- 57. B
- 58. C
- 59. A
- 60. D
- 61. The most widely used code for representing characters in computers is
- (A) ASCII (B) BCD (C) EBCDIC (D) None Of These
- 62. The type of reader commonly used to read bank cheques is
- (A) OPtical-mark reader (B) Magnetic-ink reader (C) Bar-code reader (D) None Of These
- 63. Which of the following devices stores instructions that help the computer startup?

- (A) Keyboard (B) RAM (C) ROM (D) Hard disk
- 64. The computer can move data and instructions between storage and memory as needed, in a process called
- (A) Volatility (B) Swapping (C) Pipelining (D) Exchanging
- 65. When you press a key, which device notifies the system software?
- (A) Keyboard (B) Keyboard Controller (C) Keyboard Buffer (D) Keyboard Handler
- 66. DOS was introduced by
- (A) IBM (B) Xerox (C) Microsoft (D) Bell labs
- 67. Which of the following operating system is based on open-source software?
- (A) UNIX (B) Windows 2000 (C) Windows NT (D) Linux
- 68. The amount of time taken by a device to begin reading data is called
- (A) Seek time (B) Read time (C) Access time (D) Write time
- 69. The RAID technology that contributes to fault tolerance is called
- (A) Disk mirroring (B) Tolerant computing (C) Data striping (D) None Of These
- 70. MAN stands for?
- (A) Metropolitan Arranged Network (B) Marked Area Network (C) Manufactured Arrangements of Networks
- (D) Metropolitan Area Network

ANSWERS: COMPUTER QUIZ

- 61. A
- 62. B
- 63. C
- 64. B
- 65. B
- 66. A
- 67. D 68. C
- 69. A
- 70. D
- 71. The software used for workgroup computing is called
- (A) Shareware (B) Freeware (C) Groupware (D) Both A and B

72. Which of the following standards were developed without any formal planning? (A) De Facto (B) De Jure (C) ISO (D) Both A and B 73. Which of the following is LAN protocol? (A) Ethernet (B) ARCnet (C) Token Ring (D) All 74. Which one is the Bottom-most layer of OSI model? (A) Data link (B) Physical (C) Network (D) Transport 75. Data is transmitted block-by-block in ----- transmission. (A) Digital (B) Analog (C) Synchronous (D) Asynchronous 76. An important property of fiber optic is (A) Refraction (B) Reflection (C) Interface (D) None Of These 77. The process to convert analog signals into digital signals is called (A) Modulation (B) Demodulation (C) Digitization (D) Conversion 78. Which of the following memories can be re-written by using electrical devices? (A) PROM (B) ROM (C) EEPROM (D) EPROM 79. ----- virus is a polymorphic virus. Polymorphic means "changes nature with passage of time". (A) Redlof (B) Torjan Horse (C) Chernobal (D) Logic Bomb 80. Which of the following protocols is used by World Wide Web(www)? (A) TCP/IP (B) Ethernet (C) FTP (D) HTTP **ANSWERS: COMPUTER QUIZZES** 71. C 72. A 73. D 74. B 75. C 76. A 77. B 78. C

79. A 80. D

- 81. A primary key that consists of more than one attribute is called a
- (A) Foreign key (B) Composite key (C) Multivalued key (D) Global key
- 82. An attribute in database is also known as
- (A) Tuple (B) Relation (C) Row (D) Field
- 83. C language was developed by
- (A) Van Neumann (B) Dennis Ritchie (C) Charles Babbage (D) John Backus
- 84. A space in computer's memory set aside for some data that can be changed is called
- (A) Variable (B) Constant (C) Integer (D) Floating Point
- 85. Which of the following components is used to convert first .c to first .exe?
- (A) Compiler and header (B) Header and linker (C) Compiler and linker (D) Compiler only
- 86. Which of the database objects allows to extract specific information from tables?
- (A) Queries (B) Forms (C) Reports (D) Records
- 87. The instructions that are given to the compiler before the beginning of actual program are:
- (A) C statements (B) Preprocessor directive (C) Linking instructions (D) C instructions
- 88. Which key combination is used to run C program:
- (A) Alt+F9 (B) Ctrl+S (C) Alt+F5 (D) Ctrl+F9
- 89. Different attributes in two different tables having same name are referred to as
- (A) Acronym (B) Synonym (C) Homonym (D) Mutually exclusive
- 90. SQL is a/an
- (A) Unstructured language (B) Structured language (C) Object oriented language (D) Software

ANSWERS: COMPUTER MCQS

- 81. B
- 82. D
- 83. B
- 84. A
- 85. C

- 86. A
- 87. B
- 88. D
- 89. C
- 90. B
- 91. The loop which never ends is called:
- (A) Infinite loop (B) Running loop (C) Continuous loop (D) Nested loop
- 92. Another term for a conditional operator is:
- (A) Binary (B) Iteration (C) Selective (D) Ternary
- 93. The total number of keywords in C are:
- (A) 60 (B) 42 (C) 32 (D) 50
- 94. What does CIM stand for?
- (A) Computer Integrated Manufacturing (B) Copy In Memory (C) Computer International Management (D) Computer Intel Marketing
- 95. Which register normally functions as a 16-bit counter that controls the sequence in which the instructions are fetched from memory?
- (A) PC (B) IR (C) DR (D) DAR
- 96. Access time for most of memories is measured in:
- (A) Microseconds (B) Milliseconds (C) Nanoseconds (D) Megahertz
- 97. A database consists of various components called:
- (A) Tools (B) Properties (C) Entities (D) Objects
- 98. Which of the following terms is related to the features of cascading deletion?
- (A) Data integrity (B) Data redundancy (C) Referential integrity (D) Indexing
- 99. ATM stands for?
- (A) Automatic Talking Machine (B) Automatic Teller Machine (C) Analog Teller Machine (D) Automatic Ticketing Machine
- 100. Who is known as "Father of Computer Science"?
- (A) Charles Babbage (B) Howard Aiken (C) Dr. Herman Hollerith (D) Blaise Pascal

ANSWERS: COMPUTER QUIZ

- 91. A
- 92. D
- 93. C
- 94. A
- 95. A
- 96. C
- 97. D
- 98. C
- 99. B
- 100. A
- 101. One of the first recognized calculating device was?
- (A) Abacus (B) Analytical engine (C) Difference engine (D) None of these
- 102. Pentium II is a ----- generation computer.
- (A) second (B) third (C) fourth (D) fifth
- 103. The first computer that used vacuum tubes was?
- (A) Mark I (B) ENIAC (C) EDVAC (D) UNIVAC
- 104. Which of the following is not a pointing device?
- (A) Mouse (B) Joystick (C) Trackball (D) None of these
- 105. The number of read/write heads for a hard disk of four platters are
- (A) 4 (B) 6 (C) 8 (D) 16
- 106. Which of the following is a 16-bit code?
- (A) BCD (B) Unicode (C) ASCII (D) EBCDIC
- 107. Boolean algebra is also known as?
- (A) Logical algebra (B) Code algebra (C) Switching algebra (D) Digital algebra
- 108. The command that is not present on edit menu?
- (A) Font (B) GoTo (C) Find (D) Ctrl+z



- 109. First generation language uses?
- (A) Pseudo code (B) Binary code (C) Mnemonics code (D) Decimal code
- 110. In which of the flowchart symbols, the statement "IS A > B" is placed?
- (A) Connector (B) Rectangular (C) Parallelogram (D) Diamond

ANSWERS: COMPUTER QUIZZES

- 101. A
- 102. C
- 103. B
- 104. B
- 105. C
- 106. B
- 107. C
- 108. A
- 109. B
- 110. D
- 111. Name the error which you think to exist in the formula C=C*D/C.
- (A) Logical (B) Syntax (C) Execution (D) None of these
- 112. Which of the following statements transfers control unconditionally?
- (A) GOTO (B) FOR...NEXT (C) IF THEN (D) ON GOTO
- 113. The statement to reserve memory locations for an array M arranged in 12 columns and 20 rows may be ?
- (A) DIM(12,20) (B) DIMM(20,12) (C) M(240) (D) DIMM(12,20)
- 114. On execution of PRINT FIX(-6.83), the output will be?
- (A) 6 (B) 6.83 (C) -6 (D) -7
- 115. In BASIC LOG function refers to natural logarithm have Base?
- (A) 2 (B) 10 (C) 5 (D) e
- 116. An 8-bit address bus can address a memory of?
- (A) 1 Byte (B) 8 Bytes (C) 256 bits (D) 256 Bytes

- 117. The number of colors a CGA monitor displays are?
- (A) 4 (B) 16 (C) 64 (D) 256
- 118. The radix of a computerized version of number (+0.66E-4) is ?
- (A) 4 (B) 6 (C) 2 (D) 8
- 119. The programs which are permanent and stored in ROM are known as?
- (A) Utility Programs (B) Firmware (C) System softwares (D) None of these
- 120. UNIVAC stands for ?
- (A) Universal Automatic Computer (B) Universal Array Computer (C) Unvalued Automatic Computer (D) Unique Automatic Computer

ANSWERS: COMPUTER MCQS

- 111. D
- 112. A
- 113. B
- 114. C
- 115. D
- 116. D
- 117. A
- 118. C
- 119. B
- 120. A
- 121. By default, word automatically saves your document after every?
- (A) 5 minutes (B) 10 minutes (C) 15 minutes (D) 20 minutes
- 122. Pressing Ctrl+Shift+A causes?
- (A) To select whole document (B) To highlight the selected text (C) To capitalize the selected text (D) Office assistant to appear
- 123. Pressing Ctrl+Shift+D causes?
- (A) To delete the selected text (B) To underline selected text (C) To double underline the selected text (D) None of these
- 124. The number of colours a VGA monnitor displays are?

- (A) 16 (B) 256 (C) 64 (D) 4
- 125. The device driver is an example of?
- (A) System software (B) Application software (C) Freeware (D) Shareware
- 126. A standard keyboard used in personal computer has?
- (A) 80 keys (B) 84 keys (C) 101 keys (D) 102 keys
- 127. Which of the following layers of OSI model is responsible for breaking data into segments?
- (A) Presentation (B) Transport (C) Datalink (D) Session
- 128. The Media Access Control sub layer resides in which layer?
- (A) Datalink (B) Physical (C) Network (D) Transport
- 129. Which of the following coding schemes uses 4-bit code?
- (A) Unicode (B) ASCII (C) EBCDIC (D) BCD
- 130. Satellite transmission stations that can both send and receive messages are known as?
- (A) Transreceivers (B) Receivers (C) Earth Stations (D) Transmitters

- 121. B
- 122. C
- 123. C
- 124. B
- 125. A
- 126. C
- 127. B
- 128. A
- 129. D
- 130. C
- 131. Which of the following tools of MS Word is used to rotate the text?
- (A) Word Art (B) Auto Shape (C) Text Boxes (D) None of these
- 132. Which of the following features of the word processor allows to specify margins of the documents?
- (A) Marco (B) Thesaurus (C) Merge (D) Layout

- 133. Which of the following devices can be used to directly image printed text?
- (A) OCR (B) OMR (C) MICR (D) All of these
- 134. The popular series of personal computers was Apple series designed in 1976 using -------microprocessor.
- (A) 8-bit (B) 16-bit (C) 64-bit (D) None of these
- 135. Who designed the first electronic computer-ENIAC?
- (A) Van-Neumann (B) Joseph M.Jacquard (C) J.Presper Eckert and John W. Mauchly (D) All of these
- 136. In latest generation computers, the instructions are executed?
- (A) Parallel (B) Sequentially (C) Both A and B (D) Randomly
- 137. Web pages are linked together using?
- (A) HTTP (B) Hyberlinks (C) Interlinks (D) None of these
- 138. A CPU with 32-bit Address Bus can address a memory of?
- (A) 4 KB (B) 4 GB (C) 8 KB (D) 8 GB
- 139. In BASIC, LEFT(A\$,n) is used to?
- (A) Leave n spaces before the strung A\$ (B) Leave n spaces before every character of the strung A\$ (C) Leave n left characters of the strung A\$ (D) Select n characters of the strung A\$
- 140. In BASIC, RETURN statement passes control back to?
- (A) GOSUB statement (B) Next to GOSUB statement (C) Beginning of the program (D) The statement before GOSUB

- 131. A
- 132. D
- 133. A
- 134. A
- 135. C
- 136. C 137. B
- 138. B
- 139. D
- 140. B

141. The number of elements assigned automatically to a two dimensional arrays in BASIC are? (A) 10 (B) 100 (C) 110 (D) 121 142. Which of the following statements can be used for multiple branching? (A) GOTO (B) IF THEN ELSE (C) ON GOTO (D) WHILE...WEND 143. Which of the following statements can be used for unlimited loopiing? (A) GOTO (B) FOR...NEXT (C) IF THEN (D) ON GOTO 144. Which of the following command is used to exit from BASIC and to return to DOS? (A) CLEAR (B) KILL (C) SYSTEM (D) NEW 145. Number of Shutdown options on Windows 2000 professional are? (A) 2 (B) 3 (C) 4 (D) 5 146. The number of items present on control panel depends upon? (A) Items install during Setup (B) Items contained on Windows CD (C) Items required by your system (D) Hardware Items attached with the system 147. The number of actions with two buttons mouse are? (A) 6 (B) 5 (C) 4 (D) 3 148. Which of the following is a DOS Internal Command?

(A) 64 (B) 16 (C) 34 (D) 32

150. An OR operation has 4 variables, the possible number of combinations in it's truth table are?

ANSWERS: COMPUTER SCIENCE QUIZ

(A) CLS (B) REN (C) REM (D) COPY

- 141. D
- 142. C
- 143. A
- 144. C
- 145. C

(A) DELTREE (B) ERASE (C) FORMAT (D) None of these

149. Which of the following is not an executable command?

- 146. A
- 147. B
- 148. B
- 149. C
- 150. B
- 151. According to Absorption Law A+(A.B) is equal to?
- (A) 1+B (B) AB (C) A+1 (D) A
- 152. The number of tracks in one cylinder of hard dick with two platters is?
- (A) 4 (B) 8 (C) 16 (D) 32
- 153. A translator is a?
- (A) System Software (B) Low-Level language (C) Translating machine (D) Application Software
- 154. CRAY-1, CRAY-2, and CYBER 205 are the examples of?
- (A) Mainframes (B) Supercomputers (C) Microcomputers (D) Minicomputers
- 155. IBM PC, AT&T, PS/2 and Apple Macintosh are the examples of?
- (A) Supercomputers (B) Minicomputers (C) Microcomputers (D) Mainframes
- 156. In 1786, J.H. Muller proposed a calculating machine called a?
- (A) Analytical Engine (B) Difference Engine (C) Electronic Engine (D) None of these
- 157. Which of the followings is called the first generation computer?
- (A) ENIAC (B) ABACUS (C) UNIVAC-1 (D) EDVAC
- 158. Which of the following software products is the most appropriate for developing web pages?
- (A) Adobe Page Maker (B) Arcsoft (C) Corel Draw (D) Dreamweaver
- 159. Which of the following codes used in present day computing was developed by IBM corporation?
- (A) ASCII (B) Hollerith code (C) Baudot code (D) EBCDIC code
- 160. The ALU of a computer responds to the commands coming from?
- (A) Primary Memory (B) Control Section (C) External Memory (D) Cache Memory

151. D

- 152. A
- 153. A
- 154. B
- 155. C
- 156. B
- 157. C
- 158. D
- 159. D
- 160. B
- 161. In Microsoft Windows key F1 is mostly used for?
- (A) Help (B) Exit (C) Save (D) Refresh
- 162. The operating system may perform ----- operation to manage the memory while running a large program.
- (A) Sorting (B) Scheduling (C) Paging (D) None of these
- 163. Octal 6 is equal to ----- decimal.
- (A) 14 (B) 16 (C) 15 (D) 13
- 164. In decimal system the base is?
- (A) 1 (B) 0 (C) 2 (D) 10
- 165. Which logic gate is similar to the function of two series switches?
- (A) NOR (B) OR (C) AND (D) NAND
- 166. Remote computing service involves the use of time sharing and?
- (A) Multiprocessing (B) Interactive processing (C) Batch processing (D) Real-time processing
- 167. A combination of 16-bits is called?
- (A) Word (B) Nibble (C) Memory Block (D) Byte
- 168. In OSI network model, the dialogue control and token managenment are the responsibility of?
- (A) Datalink layer (B) Session layer (C) Transport layer (D) None of these
- 169. In OSI network model, the routing is performed by?

- (A) Network layer (B) Datalink layer (C) Transport layer (D) Session layer
- 170. The Transmission signal coding method of TI carrier is called?
- (A) Binary (B) NRZ (C) Bipolar (D) Manchestar

- 161. A
- 162. C
- 163. A
- 164. D
- 165. B
- 166. C
- 167. A
- 168. B
- 169. A
- 170. C
- 171. How much power a light emitting diode can couple into an optical fiber?
- (A) 100 Microwatts (B) 440 Microwatts (C) 100 Picowatts (D) 440 Picowatts
- 172. In synchronous modem, the digital-to-analog converter transmits signal to the?
- (A) Equilizer (B) Modulator (C) Terminal (D) Demodulator
- 173. In communication satellite, multiple repeaters are known as?
- (A) Detector (B) Modulator (C) Stations (D) Transpondess
- 174. Number of bits per symbol used in Baudot code is?
- (A) 7 (B) 5 (C) 8 (D) 9
- 175. The loss in signal power as light travels down the fiber is called?
- (A) Attenuation (B) Progragation (C) Scattering (D) Interruption
- 176. The computer code for the interchange of information between terminals is?
- (A) BCD (B) EBCDIC (C) ASCII (D) All of these
- 177. EBCDIC can code upto how many different characters?
- (A) 16 (B) 256 (C) 64 (D) 32

178. ------ is an object-oriented programming language developed in 1991 AD.

(A) C/C++ (B) ADA (C) Java (D) Visual Basic

179. Press "Ctrl+5" for ------ in the selected paragraph.

(A) Single line space (B) 1.5 line space (C) Double line space (D) 2.5 line space

180. Who developed Analytical Engine ?

(A) John Napier (B) Leibnitz (C) Charles Babbage (D) Dr.Herma

- 171. A
- 172. A
- 173. D
- 174. B
- 175. A
- 176. C
- 177. B
- 178. C
- 179. B
- 180. C
- 181. Which of the following parts provides a connection for transmitting data 8-bits at a time?
- (A) Parallel (B) Serial (C) USB (D) PS-2
- 182. Which of the following printers requires special heat sensitive waxy paper?
- (A) Electrostatic (B) Inkjet (C) Laser (D) Electrothermal
- 183. Integrated Circuits (ICs) were used in ----- generation of computer.
- (A) First (B) Second (C) Third (D) Fourth
- 184. In BASIC, which of the following commands is used to delete a file from hard disk?
- (A) DEL (B) ERASE (C) REMOVE (D) KILL
- 185. In Draw statement, B is used for?
- (A) Back movement (B) Blank movement (C) Vertical movement (D) Diagonal movement

- 186. The statement PSET(50,150) will draw a point on the screen at the?
- (A) Left Top (B) Right Top (C) Left Bottom (D) Centre
- 187. What does the prefix pico means?
- (A) Hunderdth (B) Millionth (C) Billionth (D) Trillionth
- 188. What does the prefix nano means?
- (A) Thousandth (B) Millionth (C) Billionth (D) Trillionth
- 189. What type of program is QuarkxPress?
- (A) Desktop publishing (B) Image editing (C) Rendering (D) Internet
- 190. Encyclopedia and street maps are?
- (A) Multimedia and graphics software (B) Desktop publishing programs (C) Home and educational software (D) Presentation programs

- 181. A
- 182. D
- 183. C
- 184. D
- 185. B
- 186. C
- 187. D
- 188. C
- 189. A
- 190. C
- 191. File compression utilities can reduce the file size by?
- (A) 10% (B) 60% (C) 80% (D) 100%
- 192. The "NT" in Windows NT stands for ?
- (A) Not Tested (B) Network Technology (C) Network Terminal (D) New Technology
- 193. In C language, .exe file is produced by ?

- (A) Linker (B) Loader (C) Compiler (D) Interpreter
- 194. Which of the followings is a valid statement for declaring a Variable In C?
- (A) int marks; (B) int a,b,c; (C) double salary; (D) All of these
- 195. The number of Bytes used by char data type in C is?
- (A) 2 (B) 1 (C) 3 (D) 4
- 196. The format specifier %u is used for?
- (A) integer (B) unsigned short (C) unsigned float (D) unsigned long int
- 197. Which of the following objects are used to store data in MS Access?
- (A) Reports (B) Queries (C) Forms (D) Table
- 198. Which number system is usually followed in a typical 32-bit computer?
- (A) Binary (B) Decimal (C) Hexadecimal (D) Octal
- 199. Operating system, editors, and debuggers comes under?
- (A) System software (B) Application software (C) Utilities (D) None of these
- 200. When did John Napier develop logarithm?
- (A) 1416 (B) 1614 (C) 1641 (D) 1804

- 191. C
- 192. B
- 193. A
- 194. D
- 195. B
- 196. B
- 197. C
- 198. A
- 199. A
- 200. B





Physics Quiz



- 1. If we add all the 7 colours of rainbow (red, yellow, blue, green, orange, violet and indigo), the resultant colour would be?
- (A) White (B) Black (C) Maroon (D) Dark Blue
- 2. When white light passes through a prism, it splits into ----- colours.
- (A) 3 (B) 5 (C) 7 (D) 9
- 3. A camera uses a ------ to form an image on a piece of film at the back.
- (A) convex lens (B) concave lens (C) diverging lens (D) none of these
- 4. Short-sight defect could be corrected by a
- (A) convex lens (B) concave lens (C) converging lens (D) none of these
- 5. Red + Green + Blue = ?
- (A) White (B) Black (C) Maroon (D) Dark Blue

ANSWERS: PHYSICS QUIZ

- 1. A
- 2. C

2	Λ
л.	А

4. B

5. A

- 6. Ozone layer protects the Earth from ----- radiations from the Sun.
- (A) microwaves (B) infrared (C) X-rays (D) ultraviolet
- 7. The distance of Moon from the Earth is ----- km.
- (A) 364,000 (B) 384,000 (C) 464,000 (D) 484,000
- 8. There are ----- planets in orbit around the Sun.
- (A) 6 (B) 7 (C) 8 (D) 9
- 9. Planets are kept in orbit by the?
- (A) Attraction among the Planets (B) Attraction among the Planets and the Sun (C) Radiations from the Sun (D) Gravitational pull of the Sun
- 10. Which from the following is NOT a Renewable Energy?
- (A) Geothermal (B) Solar (C) Nuclear (D) Biofuels

ANSWERS: PHYSICS QUIZZES

- 6. D
- 7. B
- 8. C
- 9. D
- 10. C
- 11. When vapours of a substance are cooled and changes into liquid, it is called
- (A) conduction (B) condensation (C) convection (D) evaporation
- 12. An instrument used to measure gas pressure is called
- (A) ammeter (B) barometer (C) galvanometer (D) manometer
- 13. If we add salt to the pure water, its boiling point will
- (A) increase (B) decrease (C) remain same (D) none of these

14. The boiling point of alcohol is (A) 71 °C (B) 75 °C (C) 79 °C (D) 83 °C
15. The presence of impurities the freezing point of water.(A) increases (B) decreases (C) accelerate (D) does not have any effect on
ANSWERS: PHYSICS MCQS 11. B 12. D 13. A 14. C 15. B
16. The melting point of ice is lowered by a/an in pressure. (A) increase (B) decrease (C) change (D) consistency
17. At high altitude the air temperature is lower as compare to sea level, therefore water boils attemperature.(A) lower (B) higher (C) constant (D) absolute
18. Evaporation is a process. (A) cooling (B) Liquefying (C) condensation (D) convection
19. The refrigerator works on the two processes (A) condensation and convection (B) convection and radiation (C) radiation and evaporation (D) condensation and evaporation
20. Air is a very good of heat. (A) conductor (B) insulator (C) radiator (D) evaporator
ANSWERS: PHYSICS QUESTIONS
16. A
17. A
18. A
19. D

20. B

- 21. Which radiation has the lowest frequency in the electromagnetic spectrum?
- (A) X-rays (B) Gamma rays (C) Ultraviolet rays (D) Radio rays
- 22. Which rays are useful in cancer treatment?
- (A) X-rays (B) Gamma rays (C) Ultraviolet rays (D) Radio rays
- 23. The speed of sound will be maximum if passing through
- (A) vacuum (B) air (C) water (D) iron
- 24. The wire used to make the filament of a light bulb is made of
- (A) nichrome (B) chromel (C) tungsten (D) fire-clay
- 25. The wire used to make heating elements in electric kettles and irons are made of
- (A) nichrome (B) chromel (C) tungsten (D) fire-clay

ANSWERS: PHYSICS MULTIPLE CHOICE QUESTIONS

- 21. D
- 22. B
- 23. D
- 24. C
- 25. A



Chemistry Quiz



1. pH of the neutral solution is ? (A) 2 (B) 6 (C) 7 (D) 5

2. pH of the acidic solution is less than ?(A) 3 (B) 2 (C) 6 (D) 7

- 3. The branch of chemistry in which we study hydrocarbon and their derivatives is called?
- (A) Organic chemistry (B) Inorganic chemistry (C) Industrial chemistry (D) Biochemistry
- 4. The metal present in combine state is called?
- (A) Metal (B) Solid (C) Minerals (D) None of these
- 5. Which of the following is homogeneous mixture?
- (A) Smoke (B) Fog (C) Smog (D) Air
- 6. Hydrogen has a positive charge?
- (A) Proton (B) Electron (C) Atom (D) Neutron
- 7. Electron in its ground state does not?
- (A) Spin (B) Revolve (C) Reside in orbit (D) Radiate energy
- 8. Number of periods in modern periodic table is?
- (A) 8 (B) 6 (C) 5 (D) 7
- 9. Which of the following is transition element?
- (A) Cu (B) Cl (C) S (D) B
- 10. Ink spreads in water because of?
- (A) Vapor pressure (B) Dipole movement (C) Diffusion (D) Osmosis

ANSWERS: CHEMISTRY QUIZ

- 1. C
- 2. D
- 3. A
- 4. C
- 5. D
- 6. A 7. D
- 8. D
- 9. A
- 10. C

11. Lower the pH value ----- will be an acid. (A) Weaker (B) Neutral (C) Stronger (D) Alkaline 12. Which of the following is an organic compound? (A) CO (B) C2H2 (C) CO2 (D) NaHCO3 13. Which one of the following is the general formula of alkenes? (A) CnH2n (B) CnH2n-1 (C) CnH2n+1 (D) CnH2n-2 14. The Homologues has the same? (A) Density (B) State (C) Chemical Properties (D) Colour 15. Carbon atom usually? (A) Gains four electron (B) Forms four covalent bonds (C) Ionizes (D) Loses four electrons 16. Organic radical with general formula CnH2n+1 is? (A) Allyl (B) Alkyl (C) Pheny (D) Benzyl 17. The next homologue of C8H18 is? (A) C9H2O (B) C9H18 (C) C8H16 (D) C7H14 18. Methane is the first member of Methane is the first member of? (A) Alcohol Series (B) Carboxylic acids Series (C) Alkane Series (D) Alkene Series 19. The compound C3H8 must have? (A) An ionic bond (B) At least one triple bond (C) All single bonds (D) At least one double bond 20. The name of C6H14 is? (A) Hexane (B) Decane (C) Propane (D) Heptanes **ANSWERS: CHEMISTRY QUIZZES** 11. C 12. B 13. A 14. C 15. B

16. B 17. A

- 18. C
- 19. C
- 20. A
- 21. Which of the following organic compound has different chemical properties?
- (A) C2H5COOH (B) CH3OH (C) C5H11OH
- (D)C2H5OH
- 22. Which of the following is inorganic?
- (A) NaCN (B) CH3CL (C) CH4 (D) CH3OH
- 23. Dehydration of ethyl alcohol with conc. H2SO4 results in the formation of?
- (A) Methane (B) Ethene (C) Ethane (D) Acetylene
- 24. Which one of the following reagents distinguished ethene from acetylene?
- (A) Bromine solution (B) AgNO3 (C) Alcoholic KOH (D) Carbon tetrachloride solution
- 25. Which one of the following decolorizes Br2 Water?
- (A) Ethene (B) Methane (C) Propane (D) Ethane
- 26. Ethene reacts with HBr, the compound formed is?
- (A) Br-CH2-CH2-Br (B) CH3-CH2-Br (C) Acetylene (D) CH3-CH2-CH3
- 27. Which of the following statement is not true for alkynes?
- (A) They do not perform Baeyer's Test (B) They undergo addition reaction (C) They burn to form CO2 (D) They contain a triple bond
- 28. All the member of alkane series has?
- (A) All types of bonds (B) All single bonds (C) At least one double bond (D) At least one triple bond
- 29. Baeyer's reagent is?
- (A) Hot KMnO4 (B) Alkaline KMnO4 (C) Conc. KMnO4 (D) Acidic KMnO4
- 30. Which one gives carboxylic acid with alkaline KMnO4?
- (A) Acetylene (B) Ethane (C) Ethene (D) Methane

ANSWERS: CHEMISTRY MCQS

21. A

- 22. A
- 23. B
- 24. B
- 25. A
- 26. B
- 27. A
- 28. B
- 29. B
- 30. A
- 31. Which one gives a mixture of hydrocarbons on halogenations?
- (A) Ethane (B) Ethyl alcohol (C) Ethene (D) Ethyne
- 32. Baeyer's test shows the presence of?
- (A) A double bond (B) A triple bond (C) Both A and B (D) No bond
- 33. Which one is the least reactive?
- (A) Propane (B) Ethene (C) Ethyne (D) Ethane
- 34. Ethane reacts with chlorine in the presence of?
- (A) Sunlight (B) Water (C) Carbon tetra chloride (D) Ether
- 35. -----is a factor related to blood clotting.
- (A) Vitamin K (B) Vitamin A (C) Vitamin C (D) Vitamin E
- 36. The coldest region in atmosphere is?
- (A) Mesopause (B) Stratosphere (C) Tropopause (D) Stratopause
- 37. The freezing point of water is ----- celcius.
- (A) 1 (B) 2 (C) 0 (D) 3
- 38. The total volume of water present on earth surface is?
- (A) 1.3 Trillion KM3 (B) 1.7 KM3 (C) 1.33 Million KM3 (D) 1.386 Billion KM3
- 39. The vital function of protoplasm is due to the presence of?
- (A) Water (B) Fats (C) Minerals (D) Calcium



- 40. The quantity of fresh water present on eat is only about?
- (A) 2.5% (B) 0.04% (C) 2.2% (D) 3.6%

ANSWERS: CHEMISTRY QUIZ

- 31. D
- 32. C
- 33. D
- 34. A
- 35. A
- 36. A
- 37. C
- 38. D
- 39. A
- 40. A
- 41. The reason of unusual physical properties of water is due to the presence of?
- (A) Covalent bond (B) Coordinate cov. Bond (C) Hydrogen bonding (D) None of these
- 42. The density of water is one gram per centimeter cube at?
- (A) 60 °C (B) 4 °C (C) 100 °C (D) 0 °C
- 43. The enormous quantity of water present on earth surface acts as giant thermostat due to its high?
- (A) Density (B) Boiling Point (C) Latent heat values (D) Heat Capacity
- 44. The latent heat of fusion of water is?
- (A) 4.2 KJ/Mol (B) 5.2 KJ/Mol (C) 6 KJ/Mol (D) 5.7 KJ/Mol
- 45. Dielectric constant of water at 18 °C is?
- (A) 70 (B) 80 (C) 84 (D) 75
- 46. Water gas is a mixture of?
- (A) Hydrogen & Oxygen (B) Steam & Air (C) CO & H2 (D) None of these
- 47. Chlorine act as a bleaching agent in the presence of?
- (A) HNO3 (B) NaOH (C) HCL (D) H2O
- 48. The chemical formula of magnetic oxide is?

- (A) Fe3O4 (B) Fe2O3.H2O (C) Fe2O3 (D) FeO
- 49. Rain water is acidic in nature because air contain?
- (A) Carbon dioxide (B) Nitrogen (C) Oxygen (D) All of these
- 50. Nutrient pollution of water bodies is caused by?
- (A) Nitrates & Phosphates (B) Pathogens (C) Acid rain (D) Cal & Mag

ANSWERS: CHEMISTRY QUIZZES

- 41. C
- 42. B
- 43. D
- 44. C
- 45. B
- 46. C
- 47. D
- 48. A
- 49. A
- 50. A
- 51. Most of the aquatic animals cannot survive above?
- (A) 30 °C (B) 35 °C (C) 50 °C (D) 44 °C
- 52. Which one of the following disease is caused by mercury?
- (A) Typhoid (B) Cholera (C) Hepatitis (D) Parkinson
- 53. The blister copper is refined by?
- (A) Boiling (B) Concentration (C) Electrolysis (D) Reduction
- 54. Chemical formula of Urea is?
- (A) NH2CONH2 (B) Na2CO3 (C) NH2COONH4 (D) NH4CL
- 55. Sodium carbonate is commercially manufactured by?
- (A) Ostwald's Process (B) Haber's Process (C) Frisch Process (D) Solvay Process
- 56. Urea is probably, most important fertilizer?



- (A) Nitrogenous (B) Sulphur (C) Organic (D) Phosphate57. Petroleum is a mixture of many ?
- (A) Salt (B) Hydrocarbons (C) Hydroxide (D) Acids
- 58. Raw materials used for manufacturing urea are?
- (A) H2 & NH3 (B) CO2 & NH3 (C) HCL & NH3 (D) None of these
- 59. Which one is a step of metallurgical process?
- (A) Rustin (B) Roasting (C) Crystallization (D) None of these
- 60. Different fractions of petroleum are separated by ?
- (A) Cooling (B) Fractional Distillation (C) Steam distillation (D) None of these

ANSWERS: CHEMISTRY MCQS

- 51. A
- 52. D
- 53. C
- 54. A
- 55. D
- 56. A
- 57. B
- 58. B
- 59. B
- 60. B
- 61. The blister form of copper is ----- form.
- (A) Impure (B) Raw (C) Pure (D) Refined
- 62. Vitamin A is soluble in?
- (A) Water (B) Fats (C) Both A&B (D) None of these
- 63. Vitamin B is soluble in?
- (A) Fats (B) Water (C) Both A&B (D) None of these
- 64. There are ----- types of DNA.
- (A) 1 (B) 2 (C) 3 (D) 4

- 65. Nucleic acid was first discovered in?
- (A) 1869 (B) 1870 (C) 1871 (D) 1872
- 66. Mutation is a sudden chemical change in?
- (A) DNA (B) RNA (C) Cell (D) Cell wall
- 67. Amino acids are the building blocks of?
- (A) Lipids (B) Fats (C) Vitamins (D) Protein
- 68. Organic chemistry is the study of?
- (A) Carbon (B) Metal (C) Oxygen (D) Carbon and its compounds
- 69. Enzymes are made of?
- (A) Protein (B) Lipids (C) Fats (D) Minerals
- 70. Cause of acidic rain is?
- (A) Nitrogen (B) Sulphure Dioxide (C) Carbonic Acid (D) Carboxide

ANSWERS: CHEMISTRY QUESTIONS

- 61. A
- 62. B
- 63. B
- 64. D
- 65. A
- 66. A
- 67. D
- 68. D
- 69. A
- 70. B



Pedagogy Quiz

 The word "Pedagogy" means? to understand the child (B) to guide the child (C) to educate the child (D) to lead the child
2. Pedagogy is the study of?(A) Education (B) Learning Process (C) Teaching Methods (D) Guiding Students
3. The philosopher who worked in mathematical and scientific didactic was? (A) Jean Piaget (B) John Dewey (C) Martin Wagenschein (D) Lev Vygotsky
4. The use of technology to enhance learning process is called in education.(A) IT (B) ICT (C) Information technology (D) Communication technology
5. A scoring guide use to evaluate the quality of students is called (A) rubrics (B) checklists (C) inventories (D) rating scales
ANSWERS: PEDAGOGY QUIZ 1. D 2. C 3. C 4. B 5. A
6. As people grow older, the of learning declines.(A) speed (B) power (C) quality (D) quantity
7. Which from the following should be used to increase correct responses and appropriate behavior? (A) Praise (B) Reward (C) Ignorance (D) Strictness
8. Which from the following should be used to decrease minor inappropriate behavior?

9. The book Emile or "On Education" on the nature of education and man is written by

(A) Praise (B) Reward (C) Ignorance (D) Strictness

(A) Aristotle (B) Plato (C) John Dewey (D) Rousseau

10. According to Emile, the noblest work in education is to make a/an (A) good citizen (B) reasoning man (C) thinker (D) entrepreneur **ANSWERS: PEDAGOGY QUIZZES** 6. A 7. A 8. C 9. D 10. B 11. Teachers should present information to the students clearly and in interesting way, and relate this new information to the things students (A) don't know (B) already know (C) willing to know (D) not willing to know 12. According to John Dewey, school is a ----- institution, and education is a ----- process. (A) social, social (B) social, philosophical (C) philosophical, philosophical (D) environmental, psychological 13. According to John Dewey, schools must prepare students for (A) present life (B) future life (C) entrepreneurship (D) research 14. Responses that produce a satisfying effect in a particular situation become ------ to occur again in that situation. (A) not likely (B) equally likely (C) less likely (D) more likely 15. Responses that produce a discomforting effect become ----- to occur again in that situation. (A) not likely (B) equally likely (C) less likely (D) more likely **ANSWERS: PEDAGOGY MCQS** 11. B 12. A

13. A 14. D 15. C

- 16. According to Rousseau, at what age a person ready to have a companion of the opposite sex?
- (A) 16 (B) 17 (C) 18 (D) 19
- 17. The field of study concerned with the construction of thought processes, including remembering, problem solving, and decision-making is called
- (A) Education (B) Pedagogy (C) Cognitive Development (D) Epistemology
- 18. Jean Piaget proposed ----- stages of Cognitive Development.
- (A) 3 (B) 4 (C) 5 (D) 6
- 19. The more often a particular ability is used the ----- it becomes.
- (A) more important (B) less important (C) stronger (D) weaker
- 19. The longer a particular ability is unused the ----- it becomes.
- (A) more important (B) less important (C) stronger (D) weaker

ANSWERS: EDUCATION QUIZ

- 16. A
- 17. C
- 18. B
- 19. C
- 20. D
- 21. The more parts of your brain you use, the more likely you are to ----- information.
- (A) use (B) miss (C) misuse (D) retain
- 22. The conclusion of a deductive argument is
- (A) certain (B) experience (C) observation (D) probable
- 23. The truth of the conclusion of an inductive argument is
- (A) certain (B) experience (C) observation (D) probable
- 24. The process of reasoning from one or more given statements to reach a logically certain conclusion is called
- (A) Deductive Reasoning (B) Inductive Reasoning (C) Qualitative Reasoning (D) Quantitative Reasoning

- 25. The reasoning in which the given statements are viewed as supplying strong evidence for the truth of the conclusion is called
- (A) Deductive Reasoning (B) Inductive Reasoning (C) Qualitative Reasoning (D) Quantitative Reasoning

ANSWERS: EDUCATION QUIZZES

- 21. D
- 22. A
- 23. D
- 24. A
- 25. B
- 26. According to Jean Piaget, children develop abstract logic and reasoning skill during
- (A) Sensorimotor stage (B) Preoperational stage (C) Concrete operational stage (D) Formal operational stage
- 27. Children are usually egocentric during ----- and ----- stages.
- (A) Sensorimotor, Preoperational (B) Preoperational, Concrete operational (C) Concrete operational, Formal operational (D) Formal operational, Sensorimotor
- 28. According to Jean Piaget, children are no longer egocentric when entering
- (A) Sensorimotor stage (B) Preoperational stage (C) Concrete operational stage (D) Formal operational stage
- 29. According to Piaget's theory of cognitive development, the Concrete operational stage starts at age (A) 3 (B) 7 (C) 11 (D) 15
- 30. According to Piaget's theory of cognitive development, the Formal operational stage starts at age (A) 3 (B) 7 (C) 11 (D) 15

ANSWERS: EDUCATION MCQS

- 26. D
- 27. A
- 28. C
- 29. B
- 30. C

- 31. The most recent response is most likely to
- (A) forget (B) compromised (C) reoccur (D) not occur again
- 32. Rousseau advocated an educational method which consisted of removing the child from
- (A) school (B) burden (C) past memory (D) society
- 33. Who advocated removing children from their mothers' care and raising them as wards of the state?
- (A) Socrates (B) Plato (C) Aristotle (D) John Locke
- 34. The famous book "The Republic" was written by
- (A) Socrates (B) Plato (C) Aristotle (D) John Locke
- 35. "All who have meditated on the art of governing mankind have been convinced that the fate of empires depends on the education of youth." This is the saying of
- (A) Aristotle (B) Socrates (C) Plato (D) John Locke

ANSWERS: PEDAGOGY QUIZ

- 31. C
- 32. D
- 33. B
- 34. B
- 35. A
- 36. The Waldorf education approach emphasizes a balanced development of
- (A) head and heart (B) head and hands (C) heart and hands (D) head, heart, and hands
- 37. Plato believed that talent and intelligence are
- (A) distributed genetically (B) not distributed genetically (C) distributed gender-wise (D) not distributed gender-wise
- 38. A priori knowledge is knowledge that is known independently of
- (A) analysis (B) information (C) experience (D) evidence
- 39. A posteriori knowledge is knowledge that is known by
- (A) analysis (B) information (C) experience (D) evidence
- 40. According to John Locke, a child's mind does not contain any

(A) innate ideas (B) memory (C) observation (D) imagination

ANSWERS: PEDAGOGY QUIZZES
36. D
37. B
38. C
39. C
40. A
41. The philosopher who for the first time mentioned the importance of play (or sports) in education was (A) Socrates (B) Plato (C) Aristotle (D) John Locke
42. The process of selecting units from a population to estimate characteristics of the population is called (A) analyzing (B) inference (C) research (D) sampling
43. We calculate average marks of a student in the way as we calculate (A) arithmetic mean (B) geometric mean (C) standard deviation (D) variance
(-,
44. The is a measure of how spreads out points are from the mean.
(A) arithmetic mean (B) geometric mean (C) standard deviation (D) variance
45. The standard deviation is the of the variance. (A) square (B) square root (C) cube (D) cube root
ANSWERS: PEDAGOGY MCQS
41. C
42. D
43. A
44. C
45. B

46. The concept of pragmatism in educational philosophy says that education should be about (A) obedience (B) virtue (C) life and growth (D) shaping good citizens

47. The idea of practical learning means education should apply to the (A) practice (B) society (C) abstract knowledge (D) real world 48. An aspect of pragmatism is experiential learning, which says, education should come through (A) experience (B) practice (C) knowledge (D) observations 49. According to Aristotle, virtue is a/an ----- state between excess and deficiency. (A) natural (B) intermediate (C) real (D) artificial 50. In case of spending money, the virtue is ------ between wastefulness and stringiness. (A) generosity (B) penury (C) lavishness (D) prodigal **ANSWERS: EDUCATION QUIZ** 46. C 47. D 48. A 49. B 50. A 51. The concept of perennialism in education means school curricula should focus on what is (A) important (B) everlasting (C) in demand (D) in need 52. According to John Dewey, children should experience -----in school to make them better citizens. (A) rules (B) discipline (C) democracy (D) practical implementation 53. Progressivism believes that education comes from the experience of the (A) child (B) teacher (C) principal (D) society 54. The idea of teaching the whole child in the "philosophy of pragmatism in education" means teaching students to be good (A) learners (B) thinkers (C) scientists (D) citizens 55. Progressivism believes that children learn in a/an

ANSWERS: EDUCATION QUIZZES

51. B

(A) community (B) competition (C) isolation (D) closed environment

- 52. C
- 53. A
- 54. D
- 55. A
- 56. A normal human being has ----- senses.
- (A) 4 (B) 5 (C) 6 (D) 7
- 57. Which from the following is NOT among the five senses?
- (A) vision (B) touch (C) smell (D) thought
- 58. The application of ideas, knowledge and skills to achieve the desired results is called
- (A) problem solving (B) critical thinking (C) reasoned arguments (D) deductive method
- 59. According to Socrates of Meno, virtue is
- (A) teachable (B) unteachable (C) reachable (D) unreachable
- 60. The curriculum of educational institutes should be based on
- (A) theory (B) practice (C) theory and practice (D) theory, practice and research

ANSWERS: EDUCATION MCQS

- 56. B
- 57. D
- 58. A
- 59. B
- 60. C
- 61. The new curriculum should be introduced
- (A) abruptly (B) continuously (C) gradually (D) relatively
- 62. Evaluation of the process of curriculum development should be made
- (A) abruptly (B) continuously (C) gradually (D) relatively

63. Curriculum revision should be a/an process.
(A) abrupt (B) continuous (C) gradual (D) relative
64. The term heuristic means in decision making.
(A) brain storming (B) calculations (C) thoroughness (D) mental shortcuts
65. Robert Sternberg, a famous psychologist, argued that creativity requires different types of
intelligence.
(A) 3 (B) 4 (C) 5 (D) 6
ANSWERS: THEORY OF EDUCATION QUIZ
61. C
62. B
63. B
64. D
65. A
66. According to Robert Sternberg, the three different types of required intelligence for creativity are (A) synthetic, analytical, and practical (B) analytical, observational and practical (C) analytical, critical and practical (D) abstract, synthetic and analytical
67. A common technique to help people begin the creative process is (A) calculations (B) brain storming (C) thoroughness (D) mental shortcuts
68. According to Plato, the highest goal in all of education is knowledge of the (A) science (B) mathematics (C) philosophy (D) good
69. Plato argued that are fit to rule.
(A) educationists and philosophers (B) only educationists (C) only philosophers (D) only psychologists
70. The book "A Brief History of Time" is written by
(A) Aristotle (B) John Dewey (C) Robert Sternberg (D) Stephen Hawking
ANSWERS: THEORY OF EDUCATION MCQS
66. A
67. B
68. D



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69. C 70. D	
71. The branch of philosophy focuses on the nature of reality is (A) Connectionism (B) Epistemology (C) Metaphysics (D) Pedagogy	
72. Idealism is a philosophical approach that argues thatare the worth knowing.(A) ideas (B) experiences (C) observations (D) physical objects	he only true reality, and the only thing
73. Realism is a philosophical approach that argues that ultimate reali (A) ideas (B) experiences (C) observations (D) physical objects	ity is the world of
74. Who is called the father of both Realism and the scientific method (A) Aristotle (B) Plato (C) Socrates (D) Edward Thorndike	1?
75. The philosopher who is called the father of Idealism is (A) Aristotle (B) Plato (C) Socrates (D) Edward Thorndike	
ANSWERS: THEORY OF EDUCATION QUIZZES 71. C 72. A 73. D 74. A 75. B	
76. The philosopher who for the first time taught logic as a formal disc (A) Aristotle (B) Plato (C) Socrates (D) Edward Thorndike	cipline was
77. The advocators of philosophy of Pragmatism believe that reality is (A) imagination (B) stagnant (C) constantly changing (D) related to min	
78. The psychologist who for the first time proposed the concept of co	onnectionism in learning was

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(A) Aristotle (B) Plato (C) Robert Sternberg (D) Edward Thorndike

79. According to Edward Thorndike, learning is about responding to

- (A) analysis (B) change (C) experiment (D) stimuli
- 80. Anything that causes a reaction is called
- (A) learning (B) stimulus (C) connectionism (D) physical objects

ANSWERS: EDUCATION PHILOSOPHY QUIZ

- 76. A
- 77. C
- 78. D
- 79. D
- 80. B
- 81. The connection between stimulus and response is called
- (A) stimulus-response bond (B) receiving-accepting bond (C) stimulus-response paradigm (D) receiving-accepting paradigm
- 82. The ----- the stimulus-response bond (S-R bond), the better a person has learned the lesson.
- (A) stable (B) unstable (C) stronger (D) weaker
- 83. There are ----- laws of connectionism.
- (A) 2 (B) 3 (C) 4 (D) 5
- 84. The three laws of connectionism are the laws of
- (A) effect, stimulus and response (B) stimulus, response and exercise (C) exercise, readiness and response (D) effect, exercise and readiness
- 85. According to the law of effect, if a stimulus results in a positive outcome, the S-R bond is
- (A) strengthened (B) weakened (C) stabilized (D) unsterilized

ANSWERS: EDUCATION PHILOSOPHY QUIZZES

- 81. A
- 82. C
- 83. B
- 84. D
- 85. A

86. According to the law of effect, if a stimulus results in a negative outcome, the S-R bond is (A) strengthened (B) weakened (C) stabilized (D) unsterilized		
87. According to the, the more you do something, the better you are at it. (A) law of effect (B) law of exercise (C) law of readiness (D) law of connectionism		
88. According to the, S-R bonds are stronger if an individual is ready to learn. (A) law of effect (B) law of exercise (C) law of readiness (D) law of connectionism		
89. The says, we are motivated to gain rewards and avoid punishments. (A) law of effect (B) law of exercise (C) law of readiness (D) law of connectionism		
90. The Law of Effect can be effectively used in (A) accelerate learning (B) curriculum development (C) classroom management (D) teaching methods		
ANSWERS: EDUCATION PHILOSOPHY MCQS 86. B 87. B 88. C		
89. A 90. C		
91. For an effective teaching, the teacher must be a subject matter expert that includes I. command over the subject II. the ability to convey knowledge III. the ability to apply ideas from one discipline to another (A) I only (B) II only (C) I and II only (D) I, II and III		
92. The satiation technique of classroom management is a technique where instead of punishing negative behaviors, the teacher might decide to actually the negative behavior. (A) encourage (B) discourage (C) ignore (D) divert		
93. The extinction technique of classroom management is a technique where teacher any negative behavior. (A) divert (B) ignore (C) encourage (D) discourage		

- 94. The use of a physical punishment for class management is called
- (A) extinction technique (B) satiation technique (C) time out technique (D) corporal punishment
- 95. The technique of classroom management where the teacher punishes negative behaviors by removing an unruly student from the rest of the class is called
- (A) extinction technique (B) satiation technique (C) time out technique (D) corporal punishment



- 91. D
- 92. A
- 93. B
- 94. D
- 95. C
- 96. The study of the physical, social and mental aspects of aging is called
- (A) Esthetics (B) Genetics (C) Gerontology (D) Clinical psychology
- 97. As people gets older, the ability of applying or maintain attention
- (A) increases (B) decreases (C) stays constant (D) remains unaffected
- 98. The brain ----- as people gets older.
- (A) shrinks (B) expands (C) stays constant (D) remains unaffected
- 99. There is ----- in working memory as people gets older.
- (A) upgradation (B) degradation (C) no change (D) a slight change
- 100. According to the philosophy of Idealism in education, the subject matter of curriculum should be
- (A) mathematics (B) science (C) physical world (D) mind

ANSWERS: EDUCATION PSYCHOLOGY QUIZZES

- 96. C
- 97. B
- 98. A
- 99. B
- 100. D

- 101. In education, ------ is used to make inference about the learning and development of students. (A) assessment (B) evaluation (C) measurement (D) diagnosis 102. An assessment that is conducted prior to the start of teaching or instruction is called (A) initial assessment (B) formal assessment (C) formative assessment (D) summative assessment 103. An assessment that is carried out throught the course is called (A) initial assessment (B) diagnostic assessment (C) formative assessment (D) summative assessment 104. An assessment is ----- if it consistently achieves the same results with the same (or similar) students. (A) Valid (B) Invalid (C) Reliable (D) Unreliable 105. A/An ----- assessment is one which measures what it is intended to measure. (A) Valid (B) Invalid (C) Reliable (D) Unreliable ANSWERS: EDUCATION PSYCHOLOGY MCOS 101. A 102. A 103. C 104. C 105. A
- 106. Educational psychology is concerned with the scientific study of
- (A) education (B) philosophy of education (C) human learning (D) teaching methods
- 107. According to famous philosophers, teaching is a/an
- (A) art (B) arts (C) science (D) technique
- 108. Progressive education emphasizes learning by
- (A) reading (B) writing (C) doing (D) enjoying
- 109. According to John Dewey, educational process has two sides:
- (A) economical and sociological (B) psychological and sociological (C) economical and philosophical (D) sociological and philosophical

- 110. According to John Dewey, which side of the educational process is the basis? (A) economical (B) sociological (C) philosophical (D) psychological
- **ANSWERS: PEDAGOGY QUIZ**
- 106. C
- 107. A
- 108. C
- 109. B
- 110. D
- 111. An assessment that is generally carried out at the end of a course to assign students a course grade is called?
- (A) Diagnostic assessment (B) Formative assessment (C) Contemporary assessment (D) Summative assessment
- 112. Which from the following is termed as student-centered learning method?
- I. Direct Instruction
- II. Inquiry-Based Learning
- III. Cooperative learning
- (A) II only (B) I and II only (C) II and III only (D) I, II and III
- **ANSWERS: PEDAGOGY QUIZ**
- 111. D
- 112. C

Grammar Test



(A) it still lag (B) it still lags (C) it lag still (D) it lags still
2. Anna and Tania went shopping, but couldn't find anything liked. (A) they, those (B) they, them (C) those, they (D) they, they
3. Nuclear energy is dangerous to be used widely. (A) so (B) such (C) too (D) that
4. If I have money, I it tomorrow.(A) will purchase (B) would purchase (C) have purchase (D) have purchased
5. Cannon had unique qualities it was used widely in ancient times. (A) such, that (B) such, so (C) that, since (D) that, that
6. She succeeded by hard. (A) work (B) working (C) continuous work (D) continuous working
7. Katherine made her children chores on Sunday.

(A) make some (B) take some (C) do some (D) does some
8. I enjoy tennis.
(A) to play (B) plays (C) playing (D) to playing
9. Most of the guests arrived buses.
(A) with (B) by (C) from (D) in
10. The departmental store is open eight to seven.
(A) by (B) from (C) between (D) during
ANSWERS: GRAMMAR TEST
1. B
2. D
3. C
4. A
5. A
6. B
7. C
8. C
9. D
10. B
11. On leaving the shopping plaza, Kate was robbed purse. (A) by her (B) by hers (C) of her (D) of hers
12. If I had money, I it now.
(A) will purchase (B) would purchase (C) would have purchased (D) have purchased
13. The manyou met is an anchorperson.
(A) who (B) whose (C) whom (D) which
14. The woman is standing by the table works in electronic media.
(A) who (B) whose (C) whom (D) which
15. He is looking for accommodation in flat or shared house. (A) both (B) until (C) neither (D) either

- 16. You can go neither by train ----- by bus.
- (A) no (B) nor (C) or (D) and
- 17. Before designing a public park, the architect must ----- the public.
- (A) consider (B) considers (C) recognize (D) recognizes
- 18. When she was younger, she ----- five kilometers a day.
- (A) walked (B) had walked (C) has been walking (D) had been walking
- 19. The house is large ----- is quite old-fashioned.
- (A) and (B) or (C) which (D) but
- 20. We need to find ----- method to solve this problem.
- (A) other (B) the other (C) another (D) others

ANSWERS: ENGLISH GRAMMAR TEST

- 11. C
- 12. B
- 13. C
- 14. A
- 15. D
- 16. B
- 17. A
- 18. A
- 19. D 20. C
- 21. The students in our school are ----- in other schools.
- (A) smarter (B) smarter than (C) smarter than those (D) more smarter than
- 22. The number of web entrepreneurs ----- increasing every year.
- (A) is (B) are (C) has been (D) have been
- 23. Write down -----your name and roll number.
- (A) both (B) either (C) neither (D) not only



24. Compressed Natural Gas (CNG) burns less efficiently than gasoline (A) burn (B) burns (C) should burn (D) would burn
25. Oxygen can be mixed with gasses such as Hydrogen, Nitrogen and Chlorine. (A) another like (B) another (C) the other (D) other
26. The man wallet was stolen called the police. (A) who (B) whose (C) whom (D) which
27. The market is nearer to them than (A) we (B) our self (C) us (D) ourselves
28. He takes his turn, and she takes (A) her (B) hers (C) herself (D) himself
29. If I had had money, I it yesterday. (A) would purchase (B) would purchased (C) would have purchase (D) would have purchased
30. Kate, accompanied by her brother, at the party. (A) is (B) are (C) was (D) were
ANSWERS: GRAMMAR PRACTICE TEST
21. C
22. A
23. A
24. B
25. D
26. B
27. C
28. B
29. D 30. C
31. White ball for the first time in the 1992 Cricket World Cup.

(A) used (B) was used (C) had used (D) has been used

32. The new information on dengue virus caused panic in the public and government (A) like (B) likely (C) alike (D) dislike
33. I cannot come to see you tomorrow. (A) by (B) till (C) until (D) unless
34. He has been living in Switzerland two years. (A) for (B) since (C) from (D) until
35. She is standing her boyfriend. (A) with (B) by (C) in (D) for
36. He paid the dining bill a credit card. (A) with (B) by (C) in (D) for
37. He did not give up (A) hope (B) hopes (C) to hope (D) hoping
38 the bad weather, the outdoor party was rescheduled. (A) Because of (B) In order to (C) Despite (D) In spite of
39 loosing the first match, our team has won the world cup. (A) Because of (B) In order to (C) Despite (D) In spite of
40. Everyone at the party amazed by his performance. (A) is (B) are (C) were (D) was
ANSWERS: ENGLISH GRAMMAR PRACTICE TEST
31. B
32. C
33. C
34. A
35. B
36. A
37. D
38. A
39. C

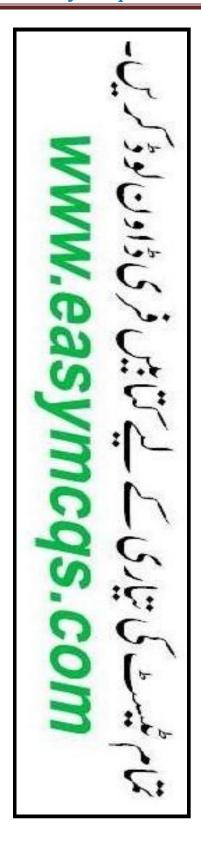
40. D

41. She for the upcoming tennis tournament.
(A) trains (B) is training (C) will train (D) is going to train
42. I New Zealand next year.
(A) go (B) will go (C) am going (D) am going to
43. There are some vacant rooms in flats and shared houses.
(A) both (B) between (C) either (D) neither
44. The sun rises the east.
(A) in (B) on (C) from (D) towards
45. Nitrogen gas is in abundance the Earth.
(A) in (B) on (C) above (D) along
46. I was watching a TV program, when he in.
(A) walk (B) walks (C) walked (D) was walking
47. We are planning out to dinner tonight.
(A) taking our guests (B) guests to take (C) guests taking (D) to take our guests
48. She took lessons how to swim.
(A) learn (B) for learning (C) to learn (D) learning
49. The class teacher Anna move to another chair.
(A) allows (B) allowed (C) let (D) permitted
50. He devotes much of his time for the future.
(A) to planning (B) to plan (C) plan (D) planning
ANSWERS: GRAMMAR SAMPLE TEST
41. B
42. D
43. A
44. A

45. B

- 46. C
- 47. D
- 48. C
- 49. C
- 50. A
- 51. For good health, she ----- bed earlier.
- (A) should go (B) should go to (C) should goes (D) should goes to
- 52. If you have time, you ----- the nature museum.
- (A) should visit (B) should visited (C) have to visit (D) would visit
- 53. It is our problem, not -----.
- (A) their (B) theirs (C) there (D) there's
- 54. The number of guests at the party ----- amazing.
- (A) was (B) were (C) had (D) have had
- 55. ----- 600 and 800 B.C, Olympics were held in Athens, Greece.
- (A) During (B) Until (C) Unless (D) Between
- 56. She ----- the driving test to get a license.
- (A) should pass (B) should has passed (C) has to pass (D) have to pass
- 57. As there were no buses, she ----- home last night.
- (A) has to walk (B) has to walked (C) had to walk (D) had to walked
- 58. ----- these books belong to?
- (A) Who do (B) Who does (C) Whom do (D) Whom does
- 59. If John ----- earlier, he would always be on time.
- (A) get up (B) got up (C) had get up (D) had got up
- 60. Jolie ----- a book yesterday.
- (A) had read (B) readed (C) red (D) read

ANSWERS: ENGLISH GRAMMAR SAMPLE TEST



51. B
52. A
53. B
54. A
55. D
56. C
57. C
58. A
59. B
60. D
C1. It was reining vesteraley, so we
61. It was raining yesterday, so we out.
(A) did not go (B) did not went (C) would not go (D) would not gone
62. I what was happening.
(A) couldn't understood (B) couldn't understand (C) was not able to understood (D) was not able to
understand
anderstand
63. If you work hard, you good marks.
(A) would get (B) would got (C) will get (D) will got
64. If you hard, you would not have failed in the exams.
(A) have work (B) have worked (C) had work (D) had worked
65. If the camera was working, we a movie.
(A) could made (B) could make (C) would made (D) would make
66. Emma is getting the car.
(A) of (B) off (C) out of (D) out off
67. Near the London eye, there is a bridge the Thames River.
(A) above (B) over (C) off (D) towards
68. Michael is falling the horse.
(A) from (B) of (C) off (D) above
69. She is looking for a job in electronic or print media.

- (A) both (B) between (C) neither (D) either
- 70. They could save money if they bought ----- furniture.
- (A) economical (B) economic (C) economize (D) economics

ANSWERS: TOEFL GRAMMAR TEST

- 61. A
- 62. B
- 63. C
- 64. D
- 65. B
- 66. C
- 67. B
- 68. C
- 69. D
- 70. A
- 71. I must get to the market before it ------.
- (A) close (B) closes (C) closed (D) has closed
- 72. One day people ----- to Moon.
- (A) travel (B) traveled (C) will travel (D) will be travelling
- 73. Olga ----- gym this evening.
- (A) will go (B) will goes (C) is going (D) is going to
- 74. Emma lives in Brighton, -----?
- (A) doesn't she (B) don't she (C) didn't she (D) won't she
- 75. They will not come here, -----?
- (A) won't they (B) won't them (C) will they (D) will them
- 76. The newly installed application sounds very ------.
- (A) interest (B) interested (C) interestingly (D) interesting
- 77. Our team played -----.
- (A) bad (B) badly (C) good (D) well done



70 Alice is not at home at the moment. Che work
78. Alice is not at home at the moment. She work.
(A) is at (B) is on (C) was at (D) was on
79. Alice, Anna and I good friends.
(A) am (B) was (C) are (D) been
80. I my mobile phone yesterday.
(A) loss (B) loose (C) lose (D) lost
ANICIMEDS, TOTAL CRAMMAN DRACTICE TEST
ANSWERS: TOEFL GRAMMAR PRACTICE TEST
71. B
72. C
73. D
74. A
75. C
76. D
77. B
78. A
79. C
80. D
81. My elder brother has got a motor bike but I
(A) have not (B) has not (C) had not (D) could not
82. What to drink, tea or coffee?
(A) you would like (B) would you like (C) you would liked (D) would you liked
83 for a concert this evening?
(A) Would you went (B) Would you going (C) Would you like going (D) Would you like to go
(i.) Trouis you were (b) Trouis you going (b) Trouis you me to go
84. Are you interested in?
(A) Physics (B) the Physics (C) a Physics (D) Physical
(-)
85. I bought some pictures when I was holiday December, and now I'm going to hang them
the wall.

- (A) in, in, along (B) on, for, on (C) on, in, on (D) on, in, along

 86. I am going ------ to watch a movie.
 (A) cinema (B) to cinema (C) to a cinema (D) to the cinema

 87. Anna has finished her work, now she is ------ home.
 (A) going (B) going to (C) going to the (D) going towards the

 88. Write your name and roll number ----- top of the page.
 (A) at (B) at the (C) on (D) on the

 89. We came ------ the room and jumped ----- the swimming pool.
 (A) out, in (B) out, into (C) out of, into (D) out of, in

 90. She lived ------ Australia ------- 2008 ------- 2015.
 (A) in, during, till (B) in, between, until (C) in, from, till (D) in, from, until

 ANSWERS: TOEFL GRAMMAR

 81. A
- 82. B
- 83. D
- 84. A
- 85. C
- 86. D
- 87. A
- 88. B
- 89. C
- 90. D
- 91. Not only her parents ----- her class teacher ----- proud of her results.
- (A) but also, was (B) but also, were (C) and also, was (D) and also, were
- 92. Yesterday I got a call from my old friend, and he ----- me the whole story.
- (A) tell (B) tells (C) told (D) telling
- 93. Maldives is a country ----- thousands of islands, and it is ----- most dispersed country.



(A) made of, a (B) made of, the (C) made up of, a (D) made up of, the
94. You need to write your mobile number, while home address is
(A) option (B) options (C) optional (D) optionals
95. The problem is not to one of internal.
(A) reduce (B) reducible (C) reliable (D) reduction
96. They had been false beliefs from their childhood.
(A) doctrinated (B) indoctrine (C) indoctrinated (D) indoctrination
97. She is not willing to reveal the identity of her
(A) inform (B) informant (C) informal (D) information
98. Employs in this department always close relations with each other.
(A) maintain (B) maintains (C) maintained (D) maintenance
99. Emma is older Alice, while Jolie is oldest.
(A) than, an (B) from, the (C) then, the (D) than, the
100. I can't walk anymore, I'm tired.
(A) too (B) so (C) such (D) so such
ANSWERS: GRAMMAR PRACTICE QUESTIONS
91. A
92. C
93. D
94. C
95. B
96. C
97. B
98. A
99. D
100. A

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مزید کتابوں کے لیے ہماری ویب سائیٹ وزٹ کریں

اسلام وعليم سنود ينش!

اُمید ہے کہ آپ خیریت ہے ہونگے۔اگر آپکوکسی بھی سوفٹ کا پی میں کتاب کی ضرورت ہوتو آپ ہم ہے ہماری ویب سائیٹ پر رابطہ کر سکتے ہیں۔ یا ہمارا فیس بک بچ جو این کر کے بھی ہمیں اپنی فیتی رائے ہے آگاہ کر سکتے ہیں۔اگر آپکو ہماری کتابیں اچھی لگیں تو اسے دوستوں کو بھی ضرور شئیر کریں اور ہمیں کمینٹ کر کے ہماری دی گئی ویب سائیٹ پر ضرور بتائے۔

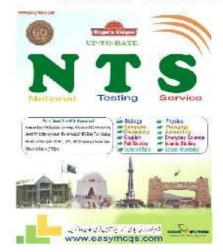
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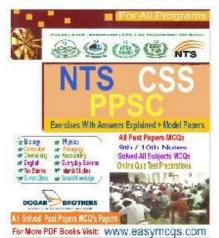
تمام کلاسز کے نوٹس اور سابقہ پیپر زہماری نیچے دی گئی ویب سائیٹ سے مُفت ڈاون لوڈ کر سکتے ہیں۔

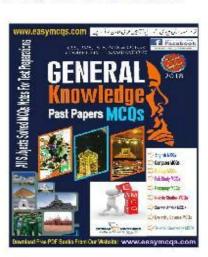
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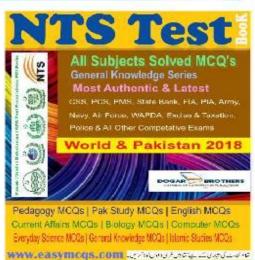
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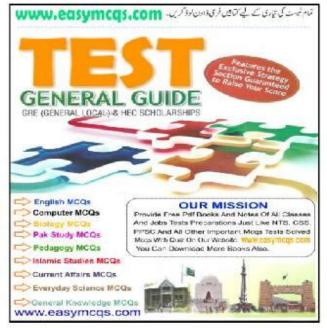


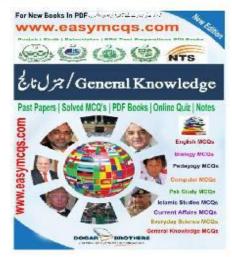












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