30 IMPORTANT QUESTION CLASS 03

1. When 533 is divided by 9, the quotient is _____ and reminder is _____.

   (A) 59 and 2

   (B) 145 and 4

   (C) 5 and 45

   (D) 300 and 8

2. Joya went swimming at 5:15 p.m. Which clock shows the time Joya went swimming?

   (A) 

   (B) 

   (C) 

   (D) 

3. Which number belongs in the box to make the number sentence correct?

   $\square > 185$

   (A) 197 (B) 184

   (C) 157 (D) None of these

4. Divya has five T–shirts shown below.

What fractions of Divya's T–shirts are white?

(A) 1/4 (B) 1/2

(C) 1/6 (D) 1/5

5. Nehahas 18 pencils. She gives an equal number of pencils to each of her 3 friends. How many pencils does Neha give to each friend if she gives away all her pencils?

(A) 9 (B) 6

(C) 12 (D) 18

6. The pictograph below shows the number of cars in a school parking lot for four days.

Day	Number of cars
Monday	
Tuesday	
Wednesday	

Thursday	

KEY ( = 15 cars)

How many more cars were in the school parking lot on Monday than on Wednesday?

(A) 5 (B) 9

(C) 45 (D) 55

7. What is the missing number in the following pattern?

187, 179, 171, ?, 155, 147, 139

(A) 163

(B) 159

(C) 169

(D) 167

8. Neha has 46 books in her desk. Nalini has 18 books in her desk. Which number sentence can be used to find how many more books Neha has than Nalini?

(A) 46 + 18 = ___

(B) 18 - 46 =____

(C) 18 + 46 =____

(D) 46– 18=_____

9. Mr. Rao's class made the chart below to show the number of birds that ate at a bird feeder in five days.

Day	Number of Birds
Monday	8
Tuesday	18
Wednesday	30
Thursday	12
Friday	20

How many more birds ate at the bird feeder on Wednesday than on Monday?

(A) 20 (B) 22

(C) 8 (D) 26

10. Niharika is using bananas and oranges to make the pattern shown below. The rule for her pattern is ABBB.

Niharika will follow the rule for her patterna total of 4 times.

How many oranges will Niharika use in all?

(A) 8 (B) 11

(C) 12 (D) 22

11. Which symbol belongs in the circle below to make a true number sentence?

$7 \times 7 \bigcirc 34 + 13$

(A) > (B) <

(C) = (D) -

12. Mallika wants to put 12 stickers on her paper. What is one way that she can put 12 stickers on her paper?

(A) 4 rows of 6 stickers

(B) 12 rows of 4 stickers

(C) 4 rows of 5 stickers

(D) 4 rows of 3 stickers

13. Aman has the number tiles shown below. What is the smallest 4–digit number formed by given number tiles using only once?

4	7
8	1

(A) 4781 (B) 7814

(C) 8174 (D) 1478

14. The clock below shows the time that Mrs. Verma put a cake in the oven.

The cake needs to bake for thirty minutes. At what time will the cake be baked compleately?

(A)  (B) 

(C)  (D) 

15. Which number sentence is true?

(A) 8 + 0 = 8 x 1

(B) 8 +2 = 8 x 2

(C) 8 + 4 = 8 x 2

(D) 8 + 7 = 8 x 2

16. Which of these is another way to write the given number sentence?

45 ÷ 3 = _____

(A) 45 - ___ = 3

(B) 45 + ___ = 3

(C) 3 -___ = 45

(D) 3 x ___ = 45

17. Which of the following statement is true?

(A) 315 is less than 300

(B) 397 is greater than 650

(C) 836 is greater than 736

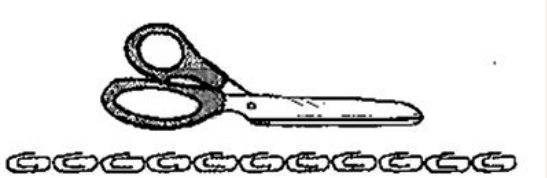
(D) 892 is less than 675

18. 9 x 2 = _____

(A) 6 x 3 (B) 4 x 4

(C) 5 x 4 (D) 4 x 7

19. Which is closest to the length of the scissors?



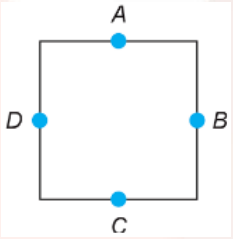
(A) 13 paper clips

(B) 7 paper clips

(C) 5 paper clips

(D) 8 paper clips

20. There are 4 points on the 4 sides of a square as shown. How many triangles can be drawn with any three of the points as vertices?



(A) 2 (B) 6

(C) 8 (D) 4

21. Which of the following fraction is least?

(A) 1/3 (B) 1/1

(C) 1/2 (D) 1/4

22. The least number among the following is:

(A) 45 ÷ 3 (B) 45 - 3

(C) 45 x 3 (D) 45 = 3

23. Which of the following is equal to 22 x 5?

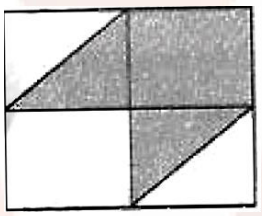
(A) (20 x 5) + (2 x 5)

(C) (20 x 5) + (2 x 50)

(B) (22 x 50) + (2 x 5)

(D) (22 x 50) + (20 x 5)

24. What fraction of the whole figure does the unshaded portion represent?



(A) 1/2

(B) 2/9

(C) 4/6

(D) 2/7

25. Which two fractions are equivalent?

(A) 1/3 and 1/2

(B) 1/2 and 2/4

(C) 1/3 and 1/6

(D) 1/3 and 2/3

26. You are given some sticks with the following lengths.

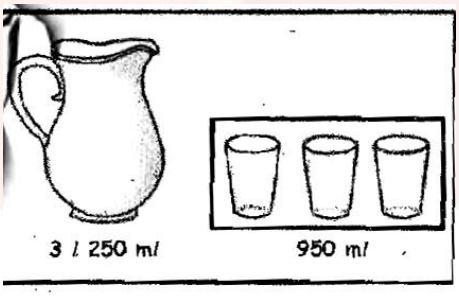
4 cm, 4 cm, 6 cm, 6 cm, 6 cm, 8 cm, 8 cm

How many squares can be drawn with the above measurements?

(A) 4 (B) 6

(C) 0 (D) 2

27. The water from the jug is poured into 3 glasses. How much water is left in the jug?



(A) 4/600 ml

(B) 300 *ml*

(C) 4*l* 500*ml*

(D) 2*l 300 ml*

28. 8 m 5 cm = _____cm

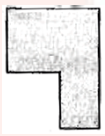
(A) 8500 (B) 8005

(C) 8050 (D) 805

29. Jiya draws a figure that has five sides. Identify the figure that Jiya drew.

(A) 

(B) 

(C) 

(D) 

30. If 5 tens are subtracted from 300 and divided by 25, then quotient is:

(A) 15 (B) 10

(C) 20 (D) 5

ANSWERS & SOLUTIONS

1. A

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9) 533 (59
   45
   ---
   83
   81
   ---
    2
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2. D
3. A

   197 is greater than 185.
4. D

   There are total 5 T-shirts

   Only 1 T-shirt is white.

   So fraction is $\frac{\text{No. of white T-shirt}}{\text{No. of total T-shirt}}$
5. B

   $\frac{18}{3} = 6$
6. C

   Number of car parked on Monday $=4 \times 15 = 60$

   Number of car parked on Wednesday $= 1 \times 15 = 15$

   Cars were in the school parking $60–15=45$
7. A
8. D
9. B

   $30 – 8 = 22$
10. C

    Number of orange in 1 pattern = 3

    So number of orange 3 pattern $= 3 \times 4 = 12$
11. A

    $7 \times 7 = 49$

    $34 + 13 = 47$

    $49 > 47$
12. D

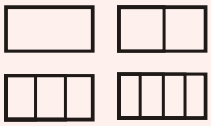
$4 \times 3 = 12$

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

Listing systematically

1st vertex	2nd vertex	3rd vertex	Number of Δs
A	B	C	1
A	B	D	1
A	C	D	1
B	C	D	1
		Total	4

21. D



22. A

$45 \times 3 = 135$

$45 + 3 = 48$

$45 - 3 = 42$

$45 \div 3 = 15$

23. A
24. A
25. B

1/2 and 2/4 are equivalent because if you multiply the numerator and denominator of the fraction 1/2 by 2, you obtain 2/4.

26. C

All sides of a square of equal length.

27. D

3*l* = 3000 m*l*

3*l* 250 m*l* = 3250 ml

Quantity left in Jug = (3250 – 950) m*l*

= 2300 m*l* = 2*l* 300 m*l*

28. D

1 m = 100 cm

8 m =800 cm

8m 5 cm = (800 + 5) cm = 805 cm

29. B

30. B

5 tens = 50

300 – 50 = 250

$\frac{250}{25} = 10$