Sample Question Paper

1. **In 7902, which digit is in the hundreds place ?**
   - (A) 0
   - (B) 2
   - (C) 7
   - (D) 9
   - (E) None of these

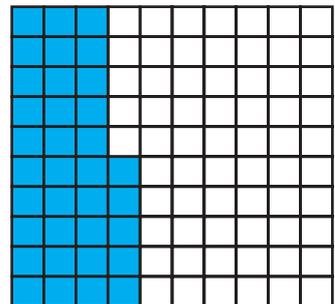2. **Which place value is used to prove that 6598 is less than 6985 ?**
   - (A) Ones place
   - (B) Tens place
   - (C) Hundreds place
   - (D) Thousands place
   - (E) None of these

3. **A ball is drawn from a bag containing balls numbered from 1 to 1000. The ball drawn out bears a number 119 more than the least 3-digit number. What is the number ?**
   - (A) 100
   - (B) 119
   - (C) 219
   - (D) 999
   - (E) None of these

4. **The fraction of shaded region shown in the figure is represented by**
   - (A) $\dfrac{25}{100}$
   - (B) $\dfrac{45}{100}$
   - (C) $\dfrac{35}{100}$
   - (D) $\dfrac{65}{100}$

   - (E) None of these

5. A pie was divided into five parts. Nysa ate $\frac{1}{5}$ of the pie. Tony ate $\frac{2}{5}$ of the pie. Jenny ate of $\frac{1}{5}$ the pie. How much of the pie was left?

(A) $\frac{4}{5}$

(B) $\frac{3}{5}$

(C) $\frac{2}{5}$

(D) $\frac{1}{5}$

(E) None of these

6. If = 1 whole, then + equals _____.

(A) $1\frac{1}{2}$

(B) $3\frac{1}{2}$

(C) $2\frac{1}{2}$

(D) $2\frac{3}{2}$

(E) None of these

7. For a cricket match at Sharjah, 2608 tickets were sold on the first day, 3986 tickets on the second day and 3102 tickets on the third day. How many tickets were sold in all ?
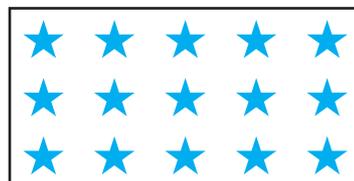
(A) 9696

(B) 9686

(C) 8696

(D) 9866

(E) None of these

8. What property of addition will you use to find the result to the sum 16 + 0 = ?

(A) Zero plus any number is zero

(B) Zero plus any number equals that number

(C) Zero minus any number equals that number

(D) Zero minus any number equals zero

(E) None of these

9. What mathematical expression illustrates

(A) 3 + 5 = 8

(B) 3 × 5 = 15

(C) 5 – 3 = 2

(D) 5 + 5 = 10

(E) None of these
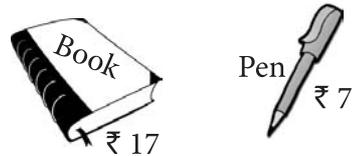
10. A T-shirt costs ₹ 85, find the cost of 10 such T-shirts?
    (A) ₹ 850   (B) ₹ 900
    (C) ₹ 1000   (D) ₹ 1500
    (E) None of these

11. Golu went to a stationary shop. He bought the following things. How much he has to pay?
    (A) ₹ 35
    (B) ₹ 25
    (C) ₹ 50
    (D) ₹ 24
    (E) None of these

Book ₹ 17   Pen ₹ 7
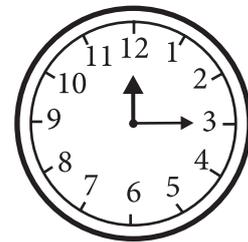
12. Karan bought 5 note books for ₹ 5 each and 2 pencils each costing ₹ 2. How much he has to pay?
    (A) ₹ 30   (B) ₹ 29
    (C) ₹ 39   (D) ₹ 49
    (E) None of these

13. Which of these options show 1 hour 45 minutes more than the time shown in the clock?
    (A) 12:23
    (B) 2:00
    (C) 2:20
    (D) 12:13
    (E) None of these

14. Diya spent 28 days at summer camp. What is the total number of weeks she spent?
    (A) 4   (B) 2
    (C) 5   (D) 8
    (E) None of these

15. 775 ml + 230 ml is equal to
    (A) 1 l 5 ml
    (B) 1 l 50 ml
    (C) 1 l 195 ml
    (D) 1 l 950 ml
    (E) None of these

16. Vandana is making this calendar for the bulletin board. Which day of the week should be on 22nd January 20XX?

January 20XX						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11		

(A) Sunday   (B) Monday
(C) Wednesday   (D) Friday
(E) None of these

17. The capacity of an oil drum is 56 *l*. It contains 24 *l* of oil. How much more oil can it hold?
(A) 32 *l*   (B) 22 *l*
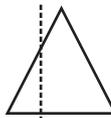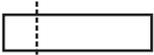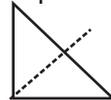(C) 80 *l*   (D) 90 *l*
(E) None of these

18. Which one of the following is wrong?
(A) 1 *l* 30 ml = 1030 ml   (B) 2 *l* 25 ml = 2025 ml
(C) 2 *l* 80 ml = 2800 ml   (D) 3 *l* 15 ml = 3015 ml
(E) None of these

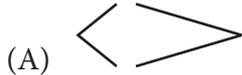**19. Which of the following pair of shapes, when joined together form a sphere?**

(A)   (B)

(C)   (D)

(E) None of these

20. Which of the following figures shows a correct line of symmetry?

(A)   (B)

(C)   (D)

(E) None of these

21. **Which of the following pair of shapes, when joined together (by placing edge to edge) can form a kite?**

(A)

(B)

(C)

(D)

(E)   None of these

22. **How many rectangles are there in the figure?**
   (A) 7   (B)   8
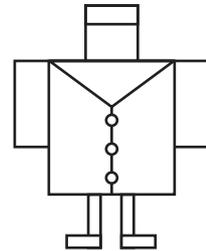   (C) 9   (D)   10
   (E)   None of these

Directions (23-26): The picture table below shows the number of students who were absent in a day of a particular week.

Monday	☺ ☺ ☺
Tuesday	☺ ☺ ☺ ☺
Wednesday	☺ ☺
Thursday	☺ ☺ ☺ ☺
Friday	☺ ☺ ☺ ☺ ☺
Saturday	—

Each ☺ means 2 students.

23. **On which day more than 9 students were absent?**
   (A) Monday   (B)   Friday
   (C) Tuesday   (D)   Thursday
   (E)   None of these

24. **What is the total number of students who were absent in the week?**
   (A) 34   (B)   36
   (C) 38   (D)   33
   (E)   None of these

25. **On which day no student was absent?**
   (A) Saturday   (B)   Friday
   (C) Monday   (D)   Tuesday
   (E)   None of these

26. **On which day maximum number of students were absent and how many?**
    - (A) Thursday, 10
    - (B) Friday, 10
    - (C) Monday, 10
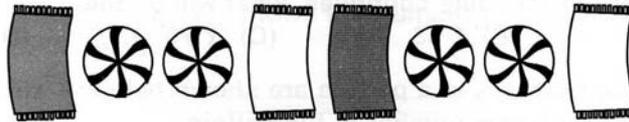   - (D) Wednesday, 10
    - (E) None of these

27. **If ✳ ▽ △ is code for 'CAT'; ♡ ▽ ♟ is code for 'MAD'; then code for 'MAT' is _____.**
    - (A) ♟ ▽ ♡
    - (B) ♡ ▽ △
    - (C) △ ▽ ✳
    - (D) ✳ ♟ ♡
    - (E) None of these

28. **A group photograph shows 15 men in a row. Rohan is at middle. What is his position from right end?**
    - (A) 7th
    - (B) 15th
    - (C) 8th
    - (D) 10th
    - (E) None of these

29. **Look at this pattern.**

    Which of the following shows the same kind of pattern?

    - (E) None of these

30. **The table below shows the number of vans needed for different numbers of students to go on a camping trip.**

Number of vans	1	2	3	4	5	6
Number of students	6	12	18	24	30	?

    - (A) 36
    - (B) 40
    - (C) 42
    - (D) 31
    - (E) None of these

31. The wrong number in the series.
3, 8, 15, 24, 34, 48, 63 is _____.
(A) 15
(B) 24
(C) 34
(D) 48
(E) None of these

32. A number pattern is shown below :
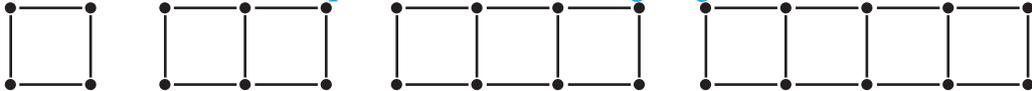Which of the following number pattern observes the same rule?
(A) 1   5   10   14   28   32
(B) 3   7   14   16   36   40
(C) 2   6   12   18   32   36
(D) 4   8   12   20   40   44
(E) None of these

33. If 5 + ★ = 11 and ★ + ● = 13, then the values for ★ and ● making both the number sentences as true are _____.
(A) ★ = 6, ● = 7
(B) ★ = 7, ● = 6
(C) ★ = 5, ● = 8
(D) ★ = 8, ● = 5
(E) None of these

34. What is the rule for the pattern in the following diagram?
(A) Increase the number of match sticks by 3
(B) Multiply the number of match sticks by 2
(C) Increase the number of match stick by 2 and then by 3
(D) All of these
(E) None of these

35. Which of the letter pattern obeys the same rule as shown in the pattern given below?
☆○△◇○☆○△◇○☆○△◇○
(A) ABBABABBABABBAB
(B) ABCDBABCDBABCDB
(C) ABCDABCDABCDABC
(D) ABACADABACADABA
(E) None of these

36. The difference between the face value of 5 in 3517 is _____.
(A) 2995
(B) 5005
(C) 395
(D) 495
(E) None of these

37. How many dots are there in the next diagram of the pattern?

(A) 9   (B) 11

(C) 13   (D) 15

(E) None of these

38. If 10 mangoes weigh the same as 2 melons. How many melons would weigh the same as 25 mangoes? (sizes remain the same)

(A) 3   (B) 4

(C) 5   (D) 6

(E) None of these

39. Oranges are transferred from a larger box into 2 smaller boxes and still 10 oranges remain unpacked. If the oranges in a small box are taken to 100, what was the number of oranges in the larger box?

(A) 190   (B) 200

(C) 210   (D) 220

(E) None of these

40. The missing number in the series
9, 12, 11, 14, 13, ..., 15 is _____.

(A) 12   (B) 16

(C) 10   (D) 17

(E) None of these

Note: The actual Question Paper will translated in Hindi at the time of exam.

Darken your choice with HB Pencil

#	A	B	C	D	E	#	A	B	C	D	E	#	A	B	C	D	E
1	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	15	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	29	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
2	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	16	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	30	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
3	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	17	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	31	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
4	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	18	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	32	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
5	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	19	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	33	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
6	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	20	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	34	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
7	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	21	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	35	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
8	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	22	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	36	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
9	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	23	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	37	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
10	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	24	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	38	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
11	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	25	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	39	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
12	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	26	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	40	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
13	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	27	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	41	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
14	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	28	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	42	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ