



SAMPLE PAPER

SECTION I : LOGICAL REASONING

1. What is the greatest whole number you can make using all the following digits ?

3 5 1

- (A) 135 (B) 315 (C) 531 (D) 351

2. The Tigers scored more points than the Dolphins but fewer points than the Eagles. Which team scored the most points ?

- (A) The Dolphins (B) The Eagles
(C) The Tigers (D) Both Tigers and Dolphins

3. Look at the given pattern :  Which is the missing part ?

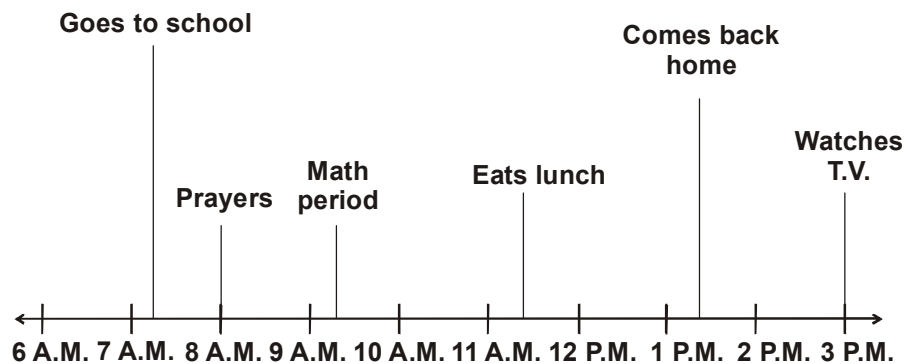
- (A)  (B)  (C)  (D) 

4. Yesterday was Thursday. What day is tomorrow ?

- (A) Thursday (B) Friday (C) Saturday (D) Sunday

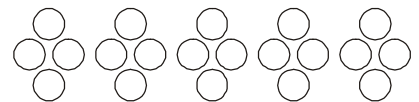
5. Look at Gaurav's time line. What happens after he comes back home ?

- (A) Gaurav goes to school
(B) Gaurav eats lunch
(C) Gaurav watches television
(D) None of these



6. Which number sentence matches the given picture ?

- (A) $4 + 5$ (B) $5 - 4$
(C) 4×5 (D) 20×5



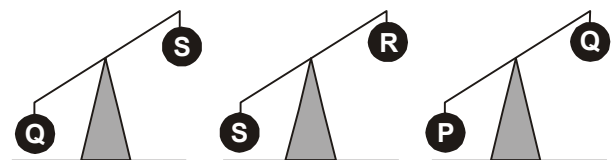
7. Rohit has ₹ 200. He buys 2 toy cars and 3 pencil boxes. How much money is left with him ?

- (A) ₹ 50 (B) ₹ 15
(C) ₹ 25 (D) ₹ 100



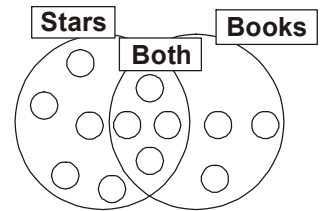
8. Which ball is the lightest in the given three figures ?

- (A) P
(B) Q
(C) R
(D) S



9. Look at the given Venn diagram.
How many are both stars and books ?

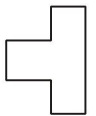
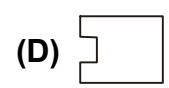
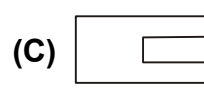
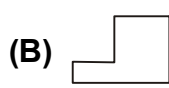
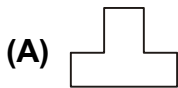
(A) 3
(B) 4
(C) 5
(D) 6



10. Look at these numbers : **57 86 71 76**
Which two numbers in the box have a sum of 143 ?

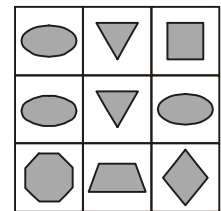
(A) 86 and 76 (B) 71 and 76 (C) 57 and 86 (D) 57 and 76

11. Which of the following figures is similar to the given figure ?



12. In the given picture grid which of the following options describes the position of ?

(A) Top centre
(B) Top left
(C) Top right
(D) Centre left



13. Which is the fourth object in the given series ?

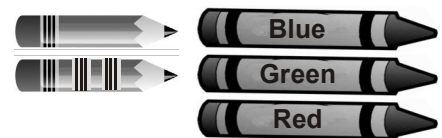
First



(A) (B) (C) (D)

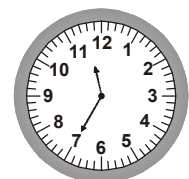
14. Rahul needs a new pencil and some crayons. He can choose from the pencils and crayons as shown in the picture. How many different combinations of 1 pencil and 1 crayon is possible?

(A) 2 (B) 3
(C) 5 (D) 6



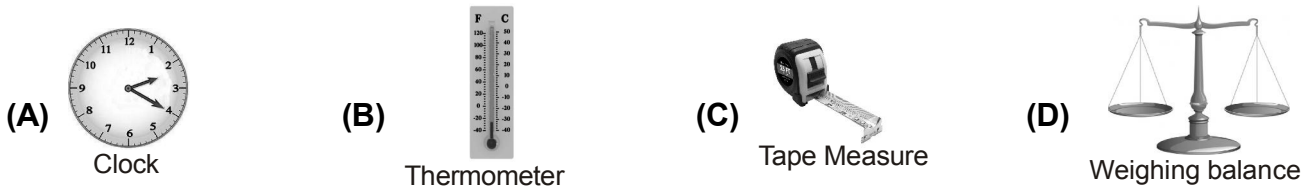
15. The time shown here is _____ minutes to 12 O'clock.

(A) 7
(B) 25
(C) 15
(D) 35

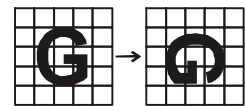


16. Pia put 70 plastic cups in the first stack, 80 plastic cups in the second stack, and 90 plastic cups in the third stack. If this pattern continues, how many plastic cups will Pia put in the fifth stack?
- (A) 100 (B) 108 (C) 106 (D) 110

17. Which instrument would you use to check your body temperature ?



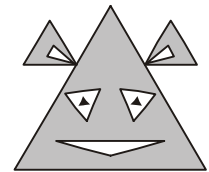
18. How has this figure been transformed ?
It has been ____.



- (A) Reflected (B) Rotated (C) Translated (D) None of these

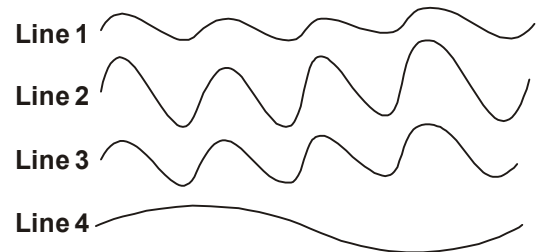
19. There are ____ triangles in the given figure.

- (A) 8
(B) 9
(C) 10
(D) 11



20. Which line is the shortest ?

- (A) 1
(B) 2
(C) 3
(D) 4



SECTION II : MATHEMATICAL REASONING

21. The place value of 8 in 9834 is ____.

- (A) 8×1 (B) 8×10 (C) 8×100 (D) 8×1000

22. The weight of an apple is best measured in ____

- (A) Inches (B) Millimetres (C) Litres (D) Grams

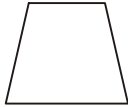
23. If a month ends on a Wednesday, on what day does the next month begin?

- (A) Thursday (B) Monday (C) Wednesday (D) Tuesday

24. Which letter cannot be folded in half so that its sides coincide?

- (A) A (B) O (C) L (D) U

25. Which of the given shapes represents a triangle?

- (A)  (B)  (C)  (D) 

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

Pinky crosses out the numbers she speaks out as she counts by 5 (5, 10, ...). Next she will cross out all the odd numbers in the above chart. Which one of the following numbers will she NOT cross out ?

- (A) 20 (B) 23 (C) 35 (D) 28

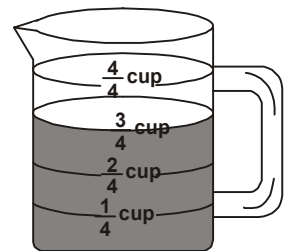
27. What is the missing number that makes the number sentence true ?

$$\boxed{?} + 192 + 78 = 330$$

- (A) 60 (B) 70 (C) 58 (D) 59

28. There is $\frac{3}{4}$ cup of milk in the measuring cup as shown in the adjacent figure. Soha poured $\frac{1}{4}$ cup of milk out of the measuring cup. How much milk is left ?

- (A) $\frac{1}{4}$ cup (B) $\frac{2}{4}$ cup
(C) $\frac{3}{4}$ cup (D) $\frac{4}{4}$ cup



29. What is the another way to represent 6,204 ?

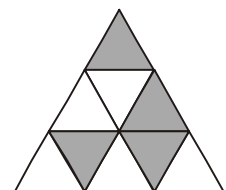
- (A) $6 + 2 + 0 + 4$ (B) $60 + 20 + 10 + 4$
(C) $600 + 200 + 100 + 4$ (D) $6,000 + 200 + 4$

30. Pulkit is having a birthday party. His mother told him that he could divide 30 stickers among the 3 friends he has invited. If Pulkit gives each friend the same number of stickers, which picture shows how many stickers each friend will get ?

- (A)  (B)  (C)  (D) 

31. What fraction of the given figure is shaded ?

- (A) $\frac{1}{2}$ (B) $\frac{5}{8}$
(C) $\frac{4}{9}$ (D) $\frac{5}{9}$



32. What is the digit missing from the box?

- (A) 6 (B) 8
(C) 7 (D) 9

$$\begin{array}{r} 9 \ 8 \ 5 \ 7 \\ - \ 7 \ 9 \ \boxed{?} \ 8 \\ \hline 1 \ 8 \ 7 \ 9 \end{array}$$

33. I am greater than 260 but less than 290. When you add my first and third digits you will get 9. Which number am I ?

- (A) 277 (B) 257 (C) 279 (D) 269

34. Which one of the following is true ?

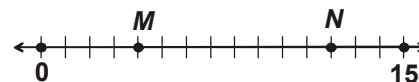
- (A) $1049 = 100 + 49$ (B) $6745 = 7000 - 255$
(C) $8465 = 8000 + 400 + 56$ (D) $5489 = 2000 - 489$

35. Sasha saw a 3-dimensional figure. It looked like a dice. Which figure could Sasha have seen ?

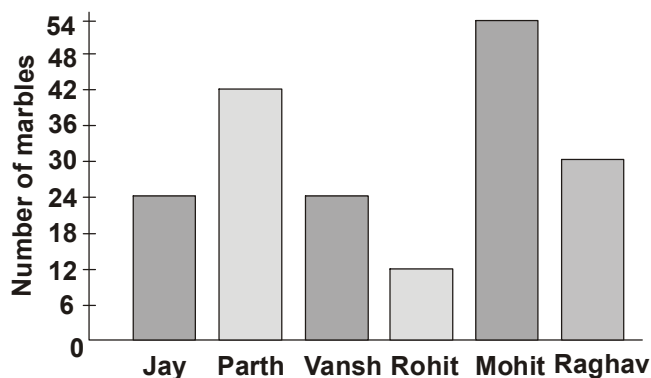
- (A)  Cylinder (B)  Cone (C)  Sphere (D)  Cube

36. Which is closest distance from point M to point N on the number line?

- (A) 5 units (B) 8 units
(C) 7 units (D) 6 units



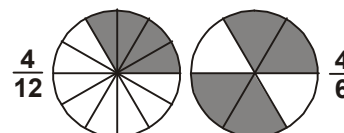
37. Who had the greatest number of marbles ?



- (A) Parth (B) Raghav (C) Mohit (D) Vansh

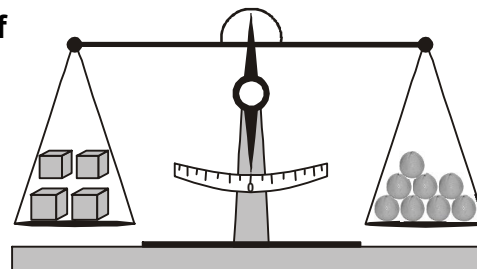
38. Study the two given fractions. Which of the following is true?

- (A) $\frac{4}{12} > \frac{4}{6}$ (B) $\frac{4}{6} > \frac{4}{12}$
(C) $\frac{4}{12} = \frac{4}{6}$ (D) Can't say



39. How many oranges (●) can balance the weight of one cube (■)?

- (A) 8 oranges
(B) 2 oranges
(C) 4 oranges
(D) 16 oranges



40. Which sign should be placed in the blank ?

$$(192 \text{ ____ } 8) \div 12 = 128$$

(A) +

(B) -

(C) \times

(D) \div

SECTION III : EVERYDAY MATHEMATICS

41. Ritik has 30 eggs. He has 2 empty egg cartons that can hold 12 eggs per carton. How many eggs are left with him ?

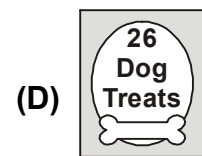
(A) 6

(B) 12

(C) 18

(D) 5

42. Kirti wants to buy dog treats for her 5 dogs. At the pet store she sees the boxes of treats shown below. Which box of dog treats should Kirti buy so that each of her dogs can receive an equal number of treats with one treat left over ?



43. Ashmit bought 7 kg of pink pebbles, 2 kg of red pebbles and 6 kg of blue pebbles. He mixed them and packed them equally into 5 bags. What was the weight of the mixed pebbles in each bag ?

(A) 3 kg

(B) 15 kg

(C) 6 kg

(D) 9 kg

44. Misha has a garden having 5 plants. Each plant has 4 tomatoes.



When she was watering those plants, she saw 7 red tomatoes in all. What fraction of tomatoes are red ?

(A) $\frac{5}{20}$

(B) $\frac{7}{20}$

(C) $\frac{6}{2}$

(D) $\frac{4}{20}$

45. Karan collects stamps. His stamp book holds 40 stamps per page. If he has completely filled 6 pages of his book, find the total number of stamps in his book ?

(A) 280

(B) 300

(C) 240

(D) 160

46. Ms. X's class went on a nature walk. They kept a record of all the things they saw. At the end of the day, they had seen thirteen different kinds of trees, twenty-one kinds of flowers, seven rabbits, thirty-two birds and twelve squirrels. What fraction of rabbits did the class see on the walk ?

(A) $\frac{7}{85}$

(B) $\frac{32}{85}$

(C) $\frac{34}{85}$

(D) $\frac{13}{85}$

47. Rohan and Arjun played a basketball game. They scored a total of 20 baskets. If Arjun scored 3 baskets, how many baskets did Rohan score ?

- (A) 3 (B) 5 (C) 17 (D) 9

48. A snail can crawl 30 inches in 6 minutes. If the snail crawls at this speed in one direction, how far, in inches, will it travel in 1 minute ?

- (A) 240 inches (B) 180 inches (C) 36 inches (D) 5 inches

49. There are 11 boys and 19 girls in a class. 1 boy and 3 girls are absent from school today. How many pupils are present ?

- (A) 22 (B) 26 (C) 28 (D) 30

50. A teacher and 17 elementary students went to the art museum. The prices of tickets are given on the chart. What was the total price of the tickets ?

- (A) ₹ 72 (B) ₹ 74
(C) ₹ 84 (D) ₹ 82

ART MUSEUM ADMISSION PRICES	
Adults	₹ 6 each
Students	₹ 4 each

SPACE FOR ROUGH WORK

ANSWER KEYS

[illegible]