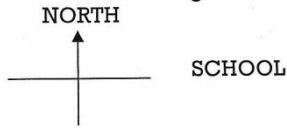
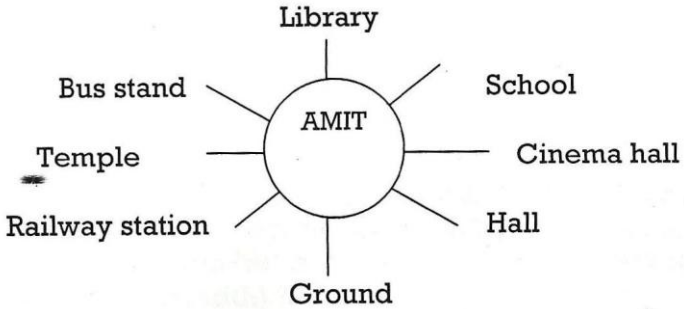


SECTION A

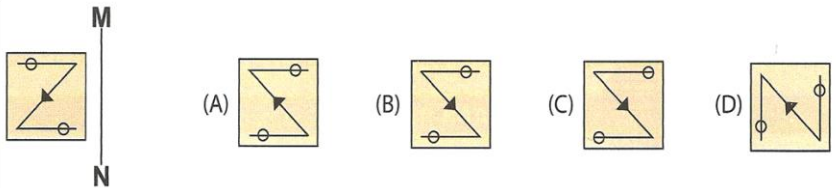
1. If 'Book' means 'Watch', 'Watch' means 'Bag', 'Bag' means 'Pen' and 'Pen' means 'Pencil', then which is used to read time?
A. Book B. Watch
C. Bag D. Pen
2. If 'triangle' is called 'rectangle', 'rectangle' is called 'circle', 'circle' is called 'square', 'square' is called 'sphere', 'sphere' is called a 'cylinder', 'cylinder' is called a 'cone', then area of which figure is (Length x Breadth) ?
A. circle B. square
C. sphere D. triangle
3. Five girls took part in a race. Barkha finished before Poonam but behind Laxmi. Gauri finished before Jasmine but behind Poonam. Who won the race?
A. Barkha B. Gauri
C. Laxmi D. Poonam
4. If the following numbers are arranged in descending order, what will be the middle digit of the number which will be exactly in the middle?
317, 493, 283, 269, 875, 423, 725
A. 2 B. 3
C. 6 D. 7
5. A radio station is having a contest. The third caller to answer the question correctly would win a free trip to Essel world. Manya called in first, followed by Amit, Anuj, Muskan, Kavya, Varun and Manu. However, the second, fourth and fifth callers did not give the correct answer. Who is the winner of the contest ?
A. Muskan B. Manu
C. Varun D. Kavya
6. Devansh is facing North-West after turning through an angle of 180° in the anticlockwise direction. Which direction was he facing ?
A. East B. North
C. South-East D. South-West
7. Bina was facing the school at the beginning. She turned anticlockwise to face west. What angle did she turn through?



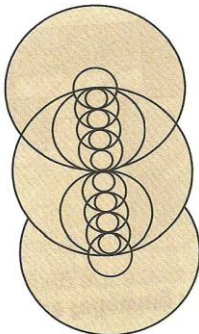
- A. 90° B. 135° C. 225° D. 230°
8. Amit is facing the Hall. What will he facing if he turns 225° anticlockwise ?



- A. Temple B. Railway station
C. School D. Library
9. Find the mirror image of the figure, when mirror is placed along MN.

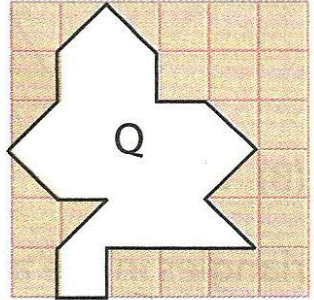
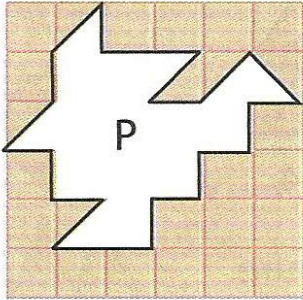


10. Count the number of Circles in the adjoining figure:

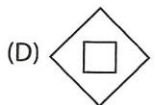
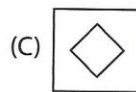
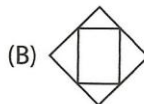
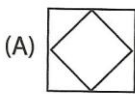
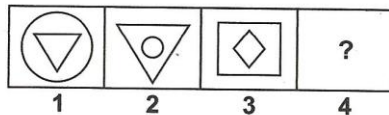


- A. 19 B. 20
- C. 21 D. 22

11. Ishika has two regions in her backyard. She wants to grow two fruits in each of the following regions but she has instructions that Apple should be planted in maximum region. To fulfil her requirement what does she need to measure and in which region she will plant the apple ?



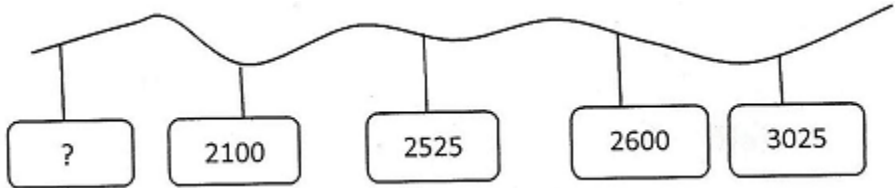
- A. She need to measure perimeter of regions and she will plant apple in that region.
 - B. She need to measure area of regions and in region P she will plant apple .
 - C. She need to measure perimeter of regions and she will plant apple in region Q.
 - D. She need to measure area of regions and in region Q she will plant apple .
12. There is a certain relationship between figures 1 & 2 . Identify the relationship and establish the similar relationship between figures 3 & 4 by selecting a figure from the options.



13. PEARL : JRALR :: SEAL : ?
 A. AJEL B. JEAR

C. 2100 D. 3025

14. Which of the following options will complete the number pattern below?



- A. 2230 B. 2025
C. 3120 D. 3225

15. Find the missing number:

3	?	4
7	113	8
6	100	8

- A. 25 B. 140
C. 136 D. 125

SECTION B

16. _____ is 98.55 larger than the smallest 4 digit number.
A. 1098.55 B. 1009.45
C. 1105.15 D. 1080.55
17. Each bag of mangoes weighs 1.66 kgs. If the total weight of a sack containing mangoes bags is 69.72 kgs, then how many bags are in the sack?
A. 42 B. 38
C. 41 D. 45
18. The place value of 5 in 691.2385 is
A. 5 Ten thousandths B. 5 Thousandths
C. Hundredths D. 5 Tenths
19. Kareena drove 64.3425 kms to visit her grandmother. When she reached her grandmother's house she noticed the car

had used up 3.45 litres of petrol. How many kilometers did she travel per litre of petrol?

- A. 18.63 km B. 18.65 km
C. 18.75 km D. 18.82 km

20. The corresponding fact for the statement $56 \div 8 = 7$ is

- A. $7 \times 8 = 56$ B. $7 \times 56 = 8$
C. $8 \div 7 = 56$ D. $7 \div 8 = 56$

21. What do you get when you divide the number by itself (except 0)?

- A. 2 B. 1
C. 4 D. 3

22. Santosh paid Rs. 80 to the shopkeeper to buy 8 colour pencils. What is the cost of each colour pencil?

- A. Rs. 15 B. Rs. 20
C. Rs. 30 D. Rs. 10

23. What is the result of the following: $4000000 + 600000 + 10000 + 6000 + 10 + 1$

- A. 4616011 B. 4061610
C. 4061611 D. 4610611

24. Raveena is travelling in a train and the train enters a tunnel. She notices that the train, which was travelling at the speed of 84 km per hour, crosses the tunnel in 1 minutes and 21 seconds. The length of the tunnel is _____ m.

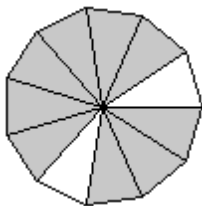
- A. 1200 B. 1890
C. 1966 D. 1298

25. What is the value in short form of decimal number:

$$500 + 10 + 3 + \frac{5}{10} + \frac{1}{100} + \frac{8}{1000}$$

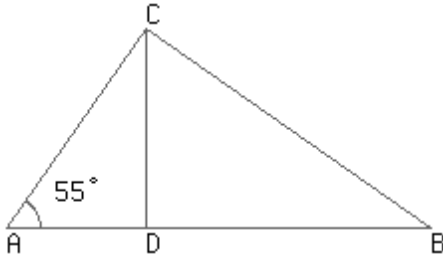
- A. 513.518 B. 503.518
C. 500.518 D. 513.508

26. Which fraction is represented by shaded portion of the shape:



- A. $\frac{9}{11}$ B. $\frac{11}{9}$
C. $\frac{3}{11}$ D. $\frac{11}{3}$

27. The parking lot of the Pologround has a capacity of 1260 cars. On Wednesdays the ratio of occupied spots to empty spots in the parking lot was 8:13. The number of additional cars that could park there is
- A. 782 B. 772
C. 780 D. 793
28. If angle $\angle BDC$ and $\angle ACB$ are right angle, find value of angle $\angle CBD$



- A. 25° B. 65°
C. 35° D. 45°
29. We know that a triangle has 3 corners. How many corners this shape has ?



- A. 14 B. 16
C. 10 D. 18
30. If an angle is $1/11$ of it's supplementary angle, then what is the value of that angle?
- A. 15° B. 25°
C. 105° D. 5°

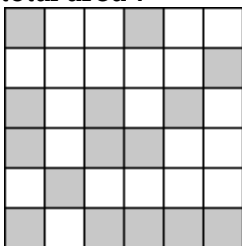
SECTION C

31. The river Yamuna has a total drainage area of 1824272 square kilometers. What is this value if you round it off to the nearest one thousand?
- A. 1824272 B. 1824000
C. 1824300 D. 1820000
32. In a 6 digit number, the digit in hundred thousands place is more than the digit in thousands place by 1, the digit in thousands place is less than the digit in tens place by 1, the

digit in ten thousands place is more than the digit in hundreds place by 7, the digit in tens place is more than the digit in ones place by 8, the digit in hundreds place is less than the digit in hundred thousands place by 9, . If the number at thousands place is 8, the number is

- A. 980912 B. 860909
C. 972341 D. 978091

33. A car travels a distance of 1734 Kms on a full tank of fuel. If the capacity of the tank is 51 litres, how much distance will the car travel on 32 litres?
A. 1088 B. 1244
C. 1334 D. 1470
34. Some workers are assigned to paint the wall of an army barrack. If 6 workers can paint 919.2 m in an hour, then how many metres would 11 workers paint in an hour?
A. 1686.3 m B. 1682.7 m
C. 1685.2 m D. 1688.3 m
35. If the cost of 22 Kgs. of wheat is Rs. 2508, what will be the cost of 69 Kgs. of wheat?
A. Rs. 8676 B. Rs. 6216
C. Rs. 7878 D. Rs. 7866
36. If a train travels 417 Km in one hour, how far will it go in one week?
A. 60772 Km B. 70056 Km.
C. 62344 Km D. 40911 Km
37. How many seconds are there in a day?
A. 3600 B. 86400
C. 1440 D. 21900
38. Find the product : $337977 \times 5646 =$
A. 1987888812 B. 6629811254
C. 1908218142 D. 8112064476
39. How many squares need to be un-shaded to cover 25% of the total area ?

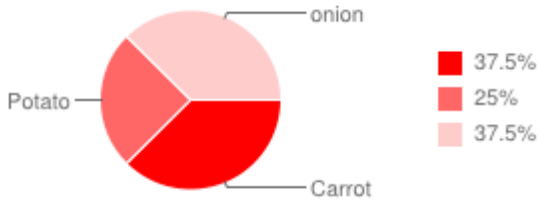


- A. 6 B. 8
C. 4 D. 10

40. $(12\% \text{ of } 70) - (70\% \text{ of } 12) =$

- A. 0 B. 1
C. -1 D. -2

41. The chart shows production of different vegetables in a farm. If production of Carrot was 18750 Kg, find the total production.



- A. 35000 Kg B. 50000 Kg
C. 20000 Kg D. 30000 Kg

42. What is the angle formed by two perpendicular lines?

- A. 90° B. 60°
C. 30° D. 180°

43. Ankita is travelling to Agra and has already travelled 561 kms. If 49 % of her journey is still remaining, then how many kilometers does she still have to travel?

- A. 539 km B. 665 km
C. 412 km D. 458 km

44. In a community, two neighbours have rectangular backyard having the same area of 840 sq. meter. If the breadth of first backyard is 30 meter and breadth of second backyard is 6 meter, find which backyard will require more fencing and by how much ?

- A. First, more by 88 meter B. First, more by 176 meter
C. Second, more by 88 meter D. Second, more by 176 meter

45. Solve : $507504 \div 2616$

- A. 198 B. 164
C. 194 D. 172