1. A: B: C is in the ratio of 3: 2: 5. How much money will C get out of Rs 1260?

A. 252

B. 125

C. 503

D. None of these

2. If the perimeter of a square is 24 cm, one of the sides of the square is

A. 12 cm

B. 8 cm

C. 6 cm

D. 2 cm

3. If the diagonal of a square field is 16 m, what is its area?

A. 126 m^2

B. 128 m^2

C. 130 m^2

D. 132 m^2

4. The LCM of two numbers is 7700, and their HCF is 11. If one of these numbers is 275, what is the other number?

A. 279

B. 283

C. 308

D. 318

5. Which of the following numbers is divisible by 9?

A. 67578

B. 56785

C. 45678

D. 65889

6. If (2^p + 1) is a prime number, which one of the following digits could be the value of p?

A.   3

B. 4

C. 5

D. 6

7. A boy was asked to multiply a number by 25 but by mistake he multiplied by 45 and the answer was 200 more than the correct answer. What was the number?

A.   7

B. 8

C. 10

D. 12

8. A number when multiplied by 16 increases by 540. What is the number?

A.   30

B. 36

C. 42

D. 46

9. If two-third of three-fourth of a number is 34, find the 20% of that number?

A.   13

B. 13.6

C. 14

D. 14.6

10. A running man crosses a bridge of length 500 meters in 4 minutes. At what speed he is running?

A.   8.5 km/h

B. 7.5 km/h

C. 9.5 km/h

D. 6.5 km/h

11. $12\frac{1}{2} \times 3\frac{3}{5} \div 1\frac{4}{5} = ?$

A.   45

B. 81

C. 405

D. 25

12. Approximate value of 0.4 x 0.4 + 0.04 x 0.04 + 0.04 is

A.   10.20

B. 0.38

C. 0.16

D. 0.46

13. PETAL: FLOWER

A.   Pen: Paper

B. Engine: Car

C. Cat: Dog

D. Ball: Game

14. FRAME: PICTURE

A.   Criminal: Crime

B. River: Forest

C. Nail: Hammer

D. Binding: Book

15. Chef: Restaurant

A.   Doctor: Treatment

B. Driver: Car

C. Teacher: School

D. Writer: Blog

16. Which word does not belong to others?
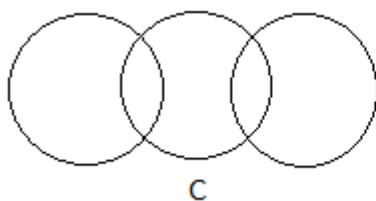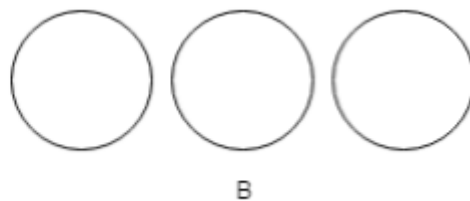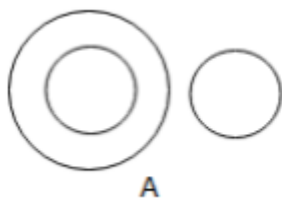
A.   Whale

B. Snake

C. Duck

D. Tortoise

17. Find the missing numbers in the series, 4, 20, 7, 14, 10, 8, 13, _, _.

A.   2, 18

B. 2, 14

C. 2, 16

D. 2, 15

18. Find the next two numbers in the series 5, 12, 15, 22, 25, 32, _, _.

A.   35, 42

B. 39, 42

C. 42, 35

D. 34, 39

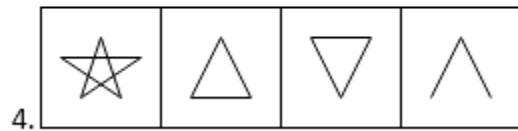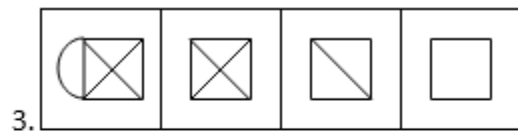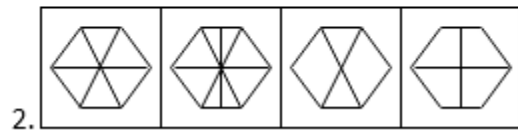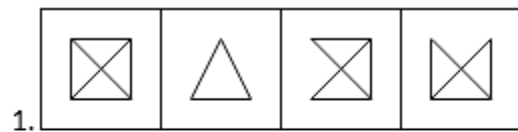19. Select the diagram which best illustrates the relationship between parrots, birds, and dogs.

20. Statement: A severe drought is reported in many states of the country. Courses of action;

I. The government should immediately provide financial assistance to the people of the affected   states.
II. The government should immediately send food, water, and fodder to the affected states to save people and livestock.

A.   Only I follows

B. Only II follows

C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow

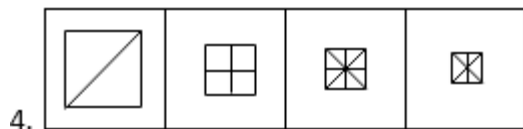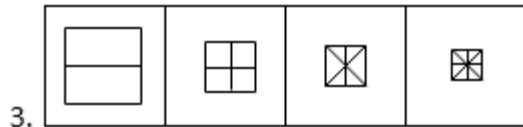21.Which of the following series of figures follows the given rule?
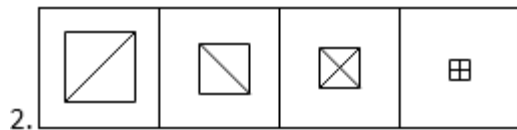
Rule: The image becomes simpler as the series proceeds.

A.   1f

B. 2

C. 3

D. 4

22.Which of the following series of figures follows the given rule?

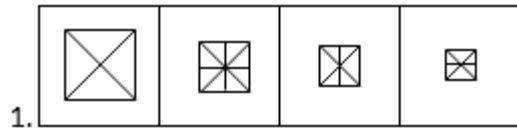Rule: As the square decreases in size, its parts increase in number.

1.
2.
3.
4.

A.   1

  B. 2

  C. 3

D.   4

23.Manoj covered a distance of 50 m towards the North. He then turned to his left and walked 20 m. He again turned left and walked 60m. Finally, he turned to his right at an angle of 45°. In which direction is he moving finally?

A.   South-East

  B. South-West

  C. North-West

  D. North-East

24. statement: The police received a complaint of an officer for taking a bribe to perform his routine work of signing applications of the people. Courses of action:

I. The police should plan to catch the officer red-handed and take necessary action against   him.
II. The police should take action after receiving a few more complaints to be sure about the bribery.

A.   Only I follows

  B. Only II follows

  C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow

25.This year the majority of the students of many schools do not pass the board exam. Courses of action:

I. Such schools are not productive, so they should be closed down.
II. The faculty of these schools should be changed immediately.

A. Only I follows

B. Only II follows

C. Either I or II follows

D. Neither I nor II follows

E. Both I and II follow