

ANSWERS AND EXPLANATIONS

1. Answer: (2)

If you got the patterns that Group A has all odd numbers while Group B has all even numbers. As in the “2” cube there is an even number i.e. 4 hence we can say cube 2 can possibly belong to Group B.

2. Answer: (1)

Ice is lighter than water hence the piece of ice always floats on the water. Hence it is true.

3. Answer: No

No, both are not same.

4. Answer: No

No, both are not same.

5. Answer: (4)

In each step, one cross line disappears.

6. Answer: 3 and 4

Class has shade in the bottom right of the figures and also even number of dots. Hence, figures (3) and (4) belong to Class A.

7. Answer: (3)

The elements positioned at north-east (NE) corners disappear from the odd-numbered figures. The elements positioned at the south-west (SW) corners disappear from the even-numbered figures. Therefore * should not appear in the answer figure. Hence 1, 2 and 5 cannot be the answers. Also new elements are introduced at the NE corners in even-numbered figures. Hence, answer 4 is ruled out. Therefore, answer figure 3 continues the given series.

8. Answer: (1)

In the subsequent figure the rectangle moves from right to left in one step and then moves to the right stepwise.

9. Answer: S

The rearranged sentence is:

The streets of some of our cities are noted for their crookedness.

Then, the last letter of the rearranged sentence is ‘s’

10. Answer: O

The rearranged word is TORTURE and its SECOND letter is “O”.

11. Answer: (3)

The bottleneck is a compound word. From the options given, the lemon and grass make a compound word which is lemongrass. It is a type of grass with good fragrance which is used in food.

12. Answer: (3)

From first figure to second figure, the triangle of each circle moves to the opposite side after being inverted.

13. Answer: PGX, TKZ

A, D, H, L represents the position of multiples of 4. A, B, C, E represents the position of prime numbers. $P+2=R$, $R+2=T$, $T+2=V$, $V+2=X$, $X+2=Z$.

Thus, the correct sets are PGX and TKZ.

14. Answer: (1)

$R - 2 = P$; $U - 2 = S$; $W - 2 = U$; $B - 2 = Z$
 $P - 3 = M$; $S - 3 = P$; $U - 3 = R$; $Z - 3 = W$
 $M - 4 = I$; $P - 4 = L$; $R - 4 = N$; $W - 4 = S$

15. Answer: (4)

The rearranged proper order of the given words is Infant, Child, School, Youth, and College. Here, School is the middle term.

16. Answer: (4)

Except Gas stove, all others run on electricity

17. Answer: (4)

In each subsequent figure, line segments are added in a set pattern to complete the design.

18. Answer: 1, 2, 3

Bought, watch, friend.

The meaningful sentence is "I **bought** a new wrist**watch** and presented to my **friend**."

19. Answer: (2)

Among these given words, Sump will come last in the dictionary.

20. Answer:

3 2 0 5

2 0 6 1

1 1 4 4

21. Answer: (4)

Five-line segments are added in each step to complete the squares in an anticlockwise

direction.

22. Answer: (2)

The sum of all digits in the given number is odd number in all options

except option 2. $10 = 1 + 0 = 1$ (odd number)

$530 = 5 + 3 + 0 = 8$ (even number)

$360 = 3 + 6 + 0 = 9$ (odd number)

$120 = 1 + 2 + 0 = 3$ (odd number)

$30 = 3 + 0 = 3$ (odd number)

Thus option 2 is the correct answer.

23. Answer:

1 5 3

2 4 7

4 0 0

24. Answer: (1)

In each pattern, the figure on the right and the figure on the left are the same; the figure in between is different. To continue this pattern in the last segment, the diamond on the left will be repeated on the right.

25. Answer: 2 and 3

The Class A consists of similar

figure intersecting. Hence, figures

(2) and (3) belong to Class A.

26. Answer: (2)

Among these given words, 'Parrot' will come last in the dictionary.

27. Answer: (2)

Among these given words, 'Surrounded' will come last in the dictionary.

28. Answer: (3)

There are two 4's come just before 8 in the given numbers.

They are

1 1 2 4 8 5 8 2 6 8 9 6 2 5 4 9 8 6 1 3 7 8 2 6 5 4 2 1 7 9 5 2 4 6 2 4 8 6 9 8

29. Answer: (4)

Among these given words, 'Sequence' will come last in the dictionary.

30. Answer: (3)

Among these given words, 'Yen' will come last in the dictionary.

31. Answer: (3)

Given the information presented, the only statement that could be considered true is that the fruit should not be eaten because it is poisonous.

32. Answer: (3)

Among these given words, 'Inkpot' will come last in the dictionary.

33. Answer: (3)

Let the number of boys be x . Then, $(\frac{3}{4})x = 18$ or $x = 18 \times (\frac{4}{3}) = 24$.

If total number of students is y , then $(\frac{2}{3})y = 24$ or $y = 24 \times (\frac{3}{2}) = 36$.

Therefore, Number of girls in the class = $(36 - 24) = 12$.

34. Answer: 1 and 2

On analyzing the direction of arrows and its count in corresponding division of class A. Hence, figures (1) and (2) belong to Class A.

35. Answer: 1 and 2

The count of corresponding shapes in rows of class A. Hence, figures (1) and (2) belong to Class A.

36. Answer: (2)

From first figure to second figure, the diagonals are deleted and both the dots are arranged vertically.

37. Answer: (2)

To segregate is an antonym of to unify, and to repair is an antonym of to damage.

38. Answer: 1 and 2

Analyzing sections of Class A, the letters are only vowels and numbers are of even count. Hence, figures (1) and (2) belong to Class A.

39. Answer: 1 and 4

Since arrows follow the rotation of anticlockwise and the respective shapes in class A, figures (1) and (4) belong to Class A.

40. Answer: (3)

Except Hawk, all are mammals.

41. Answer: E

The rearranged word is BETTER and its SECOND letter is "E".

42. Answer: R

The rearranged sentence is:

Travelling of people brings the world together.

Then, the last letter of the rearranged sentence is 'r'

43. Answer: (1)

From first figure to second figure, both the designs rotate 90° clockwise.

44. Answer: (4)

The second figure is the water image of the first figure and the triangle is inverted.

45. Answer: 4.7 and 5.5

In this simple addition series, each number

increases by 0.8. $1.5 + 0.8 = 2.3$

$$2.3 + 0.8 = 3.1$$

$$3.1 + 0.8 = 3.9$$

$$3.9 + 0.8 = 4.7$$

$$4.7 + 0.8 = 5.5 \text{ and so on}$$

46. Answer: (3)

Sadness is a type of feeling, similarly badminton is a type of sports.

47. Answer: 1 and 3

Class A has rhombuses in the middle section with one circle and star in the end sections and filled with multiples of 23.

Hence, figures (1) and (3) belong to Class A.

48. Answer: 2 and 4

Class A has even number of boxes with equal half shaded; figure 2 and 4 matched that property. Hence, figures (2) and (4) belong to Class A.

49. Answer: (2)

Option (1) →

$$O + 2 = Q -$$

$$4 = M + 6 = S$$

Option (2) →

$$U + 6 = A -$$

$$4 = W + 2 = Y$$

Option (3) →

$$N + 2 = P -$$

$$4 = L + 6 = R$$

Option (4) →

$$B + 2 = D -$$

$$4 = Z + 6 = F$$

Option (5) →

F+2=H-

4=D+6=J

Among these options, 2 is different from others. Thus option (2) UAWY is the correct answer.

50. Answer: (1)

In all groups, a vowel is followed by a consonant repeated twice, except FAA.