- 1. FIND THE MISSING NUMBER
  - 8, 28, 116, 584, ?
    - a. 1752
    - b. 3502
    - c. 3504
    - d. 3508 \*
- 2. FIND THE MISSING NUMBER
  - 6, 13, 28, 59, ?
    - a. 111
    - b. 113
    - c. 114
    - d. 122 \*
- 3. FIND THE MISSING NUMBER
  - 1, 1, 4, 8, 9, 27, 16, ?
    - a. 32
    - b. 64\*
    - c. 81
    - d. 256
- 4. FIND THE MISSING NUMBER
  - 4, 12, 36, 108, ?
    - a. 144
    - b. 216
    - c. 304
    - d. 324\*
- 5. FIND THE MISSING NUMBER
  - 1, 1, 2, 6, 24, ?, 720
  - a. 100
    - b. 104
    - c. 108
    - d. 120\*

6. There is a certain relation between two given words on one side of : : and one word is given on another side of : : while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the best alternative

Summit: Apex: : Summon: ?

- a. Judge
- b. Court
- c. Beckon \*
- d. Witness
- 7. There is a certain relation between two given words on one side of : : and one word is given on another side of : : while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the best alternative

Monarchy: King: : Aristocracy: ?

- a. Nobles \*
- b. Wealthy
- c. People
- d. God
- 8. There is a certain relation between two given words on one side of : : and one word is given on another side of : : while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the best alternative

Hong Kong: China:: Vatican:?

- a. Rome\*
- b. Mexico
- c. Canada
- d. Christianity
- 9. There is a certain relation between two given words on one side of : : and one word is given on another side of : : while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the best alternative

Cardiology: Heart:: Zoology:?

- a. Insects
- b. Animals\*
- c. Plants
- d. Germs

10.	There is a certain relation between two given words on one side of : : and one word is given
	on another side of :: while another word is to be found from the given alternatives, having
	the same relation with this word as the words of the given pair bear. Choose the best
	alternative

on another side of :: while another word is to be found from the given alternatives, having
the same relation with this word as the words of the given pair bear. Choose the best
alternative
Time Marks Marks 2

Time: Waste:: Money:?

- a. Spend
- b. Earn
- c. Lose
- d. Squander\*
- 11. If in a certain code, 15789 is written as EGYPT and 2436 is written as ALUR, how is 24539 written in that code?
  - a. ALGTU
  - b. ALEUT
  - c. ALGUT \*
  - d. ALGRT
- 12. In a certain code language, 15729 is written as AEGBI and 2346 is written as BCDF, then how will 23549 be written in that language?
  - a. ABEDI
  - b. CBEDI
  - c. BCEDI\*
  - d. CEBDI
- 13. If E =5 and HOTEL = 12, How will you code LAMB?
  - a. 7 \*
  - b. 10
  - c. 26
  - d. 18
- 14. If ZEBRA can be written as 2652181, how can COBRA be written?
  - a. 302181
  - b. 3152181\*
  - c. 31822151
  - d. 1182153
- 15. Which of the following person is neither hard-working nor ambitious?
  - Kailash, Govind and Harinder are intelligent.
  - Kailash, Rajesh and Jitendra are hard working.
  - Rajesh, Harinder and Jitendra are honest.
  - Kailash, Govind and Jitendra are ambitious.
  - a. Kailash
  - b. Govind
  - c. Harinder \*
  - d. Rajesh

16. Which of the following person is neither honest nor hard-working but is ambitious?

Kailash, Govind and Harinder are intelligent.

	Kailash, Rajesh and Jitendra are hard working.
	Rajesh, Harinder and Jitendra are honest.
	Kailash, Govind and Jitendra are ambitious.
a.	Kailash
<mark>b.</mark>	Govind *
C.	Rajesh
d.	Harinder
	aller than Q, R is Shorter than P, S is taller than T but shorter than Q, then who among
	s the tallest?
	P*
	Q
C.	
d.	
more r not the a. b. <mark>c.</mark>	xamination, Raj got more marks than Mukesh but not as many as Priya. Priya got marks than Gaurav and Kavita. Gaurav got less marks than Mukesh but his marks are elowest in the group. Who is second in the descending order of marks?  Pria  Kavita  Raj*  Cannot be determined
	is taller than Manick but not as tall as Rohan. Somesh is shorter than Daksh but taller
	arhan. Who among them is the shortest?
a.	Daksh
b.	Manick
C.	Farhan
<mark>d.</mark>	Cannot be determined*
20 15 61 1	
	oo is taller than Rakhi but shorter than Prerna and Rakhi is as tall as Meghna but taller
	omal, then Meghna is:
a.	As tall as Shaloo
	Shorter than Rakhi
C.	Shorter than Shaloe*
u.	Shorter than Shaloo*

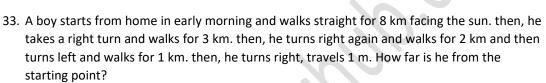
- 21. Sudhanshu is as much older than kokila as he is younger than Praveen. Nitin is as old as Kokila. Which of the following statements is wrong?
  - a. Kokila is younger than Praveen
  - b. Nitin is younger than Praveen
  - c. Sudhanshu is older than Nitin
  - d. Praveen is not the oldest\*
- 22. A is elder to B while C and D are elder to E who lies between A and C. if C be elder to B, which one of the following statements is necessarily true?
  - a. A is elder to C
  - b. C is elder to D
  - c. D is elder to C
  - d. E is elder to B\*
- 23. How many pairs of letters are there in the word REPERCUSSION which have as many letters between them in the word as in the alphabet and that too in the same order?

  DO NOT CONSIDER THE PAIRS 'US' AND 'ON', BECAUSE AS MENTIONED IN THE QUESTION, THE LETTERS SHOULD BE IN THE SAME ORDER IN WHICH THEY OCCUR IN THE ALPHABET
  - a. Zero
  - b. One\*
  - c. Two
  - d. Three
- 24. Find the two letters in the word EXTRA which have as many letters between them in the word as in the alphabet. If these two letters are arranged in alphabetical order, which letter will come second?
  - a. A
  - h F
  - c. F
  - d. A
- 25. Two letters in the word COUPLE have as many letters between them as in the alphabet. The letter which appears first in the alphabet is the answer. If there is no such pair of letters in the word, then mark your answer as X.
  - a. L\*
  - b. O
  - c. P
  - d. X

26. The position of how many letters in the word BRAKES remains unchanged when they are

arrange	d in alphabetical order?
a.	One
b.	<mark>Two*</mark>
_	Three
d.	More than three
then the a. <mark>b.</mark> c.	tters of the word TRANSFORM are rearranged as they appear in the English alphabet, e position of how many letters will remain unchanged after such rearrangement?  None  One*  Two  Three
exactly t <mark>a.</mark> b. c.	rning after sunrise Gopal was standing facing a pole. The shadow of the pole fell to his right. Which direction was he facing?  South*  East  West  North
Square. facing? <mark>a.</mark> b. c.	rning after sunrise, Reeta and Kavita were talking to each other face to face at Tilak If Kavita's shadow was exactly to the right of Reeta, which direction Kavita was  North*  South  East  West
Finally, a direction a. b. c.	nt walks northwards. After a while, he turns to his right and a little further to his left. after walking a distance of one kilometre, he turns to his left again. In which is he moving now?  North  South  East  West *

31. A man walks 1 km towards East and then he turns to South and walks 5 km. Again he turns
to East and walks 9 km. Now, how far is he from his starting point?
a. 3 km
b. 4 km
c. 5 km *
d. 7 km
32. Kailash walks 3 km to East and turns South and walks 4 km. Again turns West and walks 6
km. How far is he from the starting point?
a. 7 km





d. 4 km

b. 5 km\*c. 6 kmd. 3 km

34. In a row of boys, if 'A' who is tenth from the left and B who is ninth from the right

interchange their positions, A becomes fifteenth from the left. How many boys are there in

the row?

a. 23\*

b. 27

c. 28

d. 31

35. Students line up in a queue in which Ashish stand fifteenth from the left and Sachin is seventh from the right. If they interchange their places, Sachin would be fifteenth from the right. How many students are there in the queue?

a. 21

b. 22 c. 29\*

d. None of these

- 36. In a row of children, Deepti is ninth from the left and Kashish is thirteenth from the right. They exchange their positions and then Deepti becomes seventeenth from the left. Find the new positions of Kashish from the right end of the row.
  - a. 20<sup>th</sup>
  - b. 21<sup>st</sup>\*
  - c. 27<sup>th</sup>
  - d. None of these
- 37. In a row of girls, Rita and Monika occupy the ninth place from the right end and tenth place from the left end, respectively. If they interchange their places, then rita and Monika occupy seventeenth place from the right and eighteenth place from the left respectively. How many girls are there in the row?
  - a. 25
  - b. 26\*
  - c. 27
  - d. Data inadequate
- 38. In a row of 40 boys, satish was shifted 10 places to the right of Rohan and Kewal was shifted 10 please to the left of Vilas. If Vilas was twenty-sixth from the left and there were three boys between Kewal and Satish after shifting. What was the position of Rohan in the row?
  - a. 10<sup>th</sup> from the right end
  - b. 10<sup>th</sup> from the left end
  - c. 39<sup>th</sup> from the right end
  - d. Data inadequate\*
- 39. In the following questions,  $\Delta$  means 'is greater than', % means 'is lesser than',  $\Box$  means 'is equal to', = means 'is not equal to', + means 'is a little more than', means 'is a little less than'. Choose the correct alternative in each of the following questions.

If a  $\Delta$  b and b + c, then

- a. a%c
- b. c%a\*
- c. c+a
- d. can't say
- 40. In the following questions,  $\Delta$  means 'is greater than', % means 'is lesser than',  $\Box$  means 'is equal to', = means 'is not equal to', + means 'is a little more than', means 'is a little less than'. Choose the correct alternative in each of the following questions.

If c=a and a=b, then

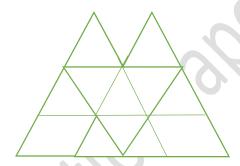
- a. b∆a
- b. c □ a
- c. b = a \*
- d. can't say

41. In the following questions,  $\Delta$  means 'is greater than', % means 'is lesser than',  $\Box$  means 'is equal to', = means 'is not equal to', + means 'is a little more than', means 'is a little less than'. Choose the correct alternative in each of the following questions.

If a \* b and b □ c, then

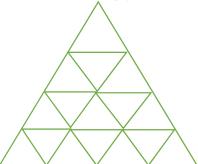
- a. c+a\*
- b. b∆a
- c. a+c
- d. c □ a
- 42. In the following questions, Δ means 'is greater than', % means 'is lesser than', □ means 'is equal to', = means 'is not equal to', + means 'is a little more than', means 'is a little less than'. Choose the correct alternative in each of the following questions.

  If c % b and b x a, then
  - a. ΑΔC\*
  - b. C □ A
  - c.  $B \square C$
  - d.  $C\Delta A$
- 43. In each of the following questions, count the number of parallelograms in the given figures



- a. 23 \*
- b. 22
- c. 21
- d. 18

44. In each of the following questions, count the number of parallelograms in the given figures



- a. 47
- b. 45 \*
- c. 41
- d. 39
- 45. All surfaces of a cube are coloured. If a number of smaller cubes are taken out from it, each side ¼ the size of the original cube's side, and indicate the number of cubes with only one side painted.
  - a. 60
  - b. 32
  - c. 24 \*
  - d. 16
- 46. A cube is painted red on all faces. It is cut into 64 smaller cubes of equal size. Now, answer the following questions based on this statement:

How many cubes are not painted on any face?

- a. 8\*
- b. 24
- c. 16
- d. 0
- 47. A cube is painted red on all faces. It is cut into 64 smaller cubes of equal size. Now, answer the following questions based on this statement:

How many cubes are painted on one face only?

- a. 16
- b. 24 \*
- c. 8
- d. 4

48. A cube is painted red on all faces. It is cut into 64 smaller cubes of equal size. Now, answer the following questions based on this statement:

How many cubes have two red opposite faces?

- a. 0 \*
- b. 8
- c. 16
- d. 24
- 49. A cube is painted red on all faces. It is cut into 64 smaller cubes of equal size. Now, answer the following questions based on this statement:

How many cubes have three faces painted?

- a. 24
- b. 16
- c. 8\*
- d. 4
- 50. Find the missing number

72	24	6
96	16	12
108	?	18

- a. 12\*
- b. 16
- c. 32
- d. 37
- 51. Find the missing number

28	20	7
84	35	12
45	?	9

- a. 15
- b. 18
- c. 20
- d. 25\*

52. Find the missing number

		0
3	13	49
9	17	69
13	11	59

- a. 5\*
- b. 9
- c. 10
- d. 21

53. On children's Day, sweets were to be equally distributed among 175 children in a school. Actually on the children's Day, 35 children were absent and therefore each child got 4 sweets extra. Total how many sweets were available for distribution?

- a. 2400
- b. 2480
- c. 2680
- d. 2800\*

54. A number of friends decided to go on a picnic and planned to spend 96 rupees on eatables. Four of them, however, did not turn up. As a consequence, the remaining ones had to contribute 4 rupees each extra. The number of those who attended the picnic was

- a. 8°
- b. 12
- c. 16
- d. 24

55. After distributing the sweets equally among 25 children, 8 sweets remain. Had the number of children been 28, 22 sweets would have been left after equal distribution. What was the total number of sweets?

- a. 328
- b. 348
- c. 358\*
- d. Data inadequate

56. A player holds 13 cards of four suits, of which seven are black and six are red. There are twice as many diamonds as spades and twice as many hearts as diamonds. How many clubs does he hold?

- a. 4
- b. 5
- c. 6\*
- d. 7

57.	In a family, each daughter has the same number of brothers as she has sisters and each son has twice as many sisters as he has brothers. How many sons are there in the family?  a. 2  b. 3*  c. 4  d. 5
	The alternatives other than the correct answer also seem to bear a strong relationship with the thing mentioned. So, absolute truth is to be followed.  A newspaper always has  a. Advertisement b. News* c. Editor d. Paper
59.	The alternatives other than the correct answer also seem to bear a strong relationship with the thing mentioned. So, absolute truth is to be followed.  Cricket always has  a. Stumps b. Pitch c. Glove d. Bat*
60.	The alternatives other than the correct answer also seem to bear a strong relationship with the thing mentioned. So, absolute truth is to be followed.  A man always has  a. Teeth  b. Feet  c. Hands  d. Heart *