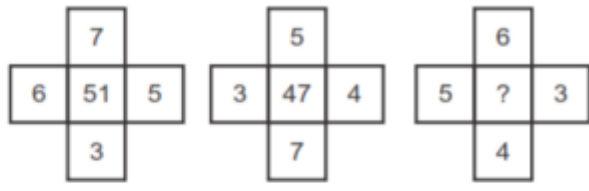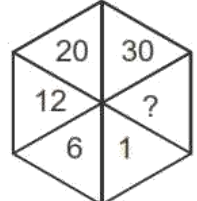# PART-1

MAT

Instruction: In each of the following question no.1 to 10, a number series is given with missing of one term. Choose the correct alternative that will continue the same pattern and replace the question marks (?) in the given series.

1. 12, 24 ,37,51, 66, ?

    (a) 72   (b) 82   (c) 84   (d) 74

2. 4, 9, 20, 43, ?

    (a) 90   (b) 54   (C) 66   (d)80

3. 6, 215, 7, 342, 8, ?

    (a) 512   (b) 216   (c) 343   (d)511

4. 28, 33, 40, 51, 64, ?

    (a) 128   (b) 32   (c)81   (d) 66

5. 200,64,100,32,50,16,?

    (a) 25   (b) 35   (c) 8   (d) 45

6. 122,170,226,290?

    (A) 289   (b) 362   (c) 290   (d) 325

7. 730, 511, 344, 215?

    (a) 125   (b)25   (c)36   (d)126

8. 2.5, 5, 7.5, ? ,12.5

    (a) 10   (b) 22.5   (c) 100   (d) 150

9. 1,2,6,21, ?

    (a) 89   (b) 84   (c) 440   (d) 445

10. 10,17,26,?, 50, 65

    (a) 37   (b) 47   (c) 33   (d) 31

Instruction: For figures are given in question no.11 to 15. One of the figure differs from the rest. Find the figure which is differ from others

11.	E	V	W	M
	(A)	(B)	(C)	(D)
12.	[: :]	[: : :]	[⋰]	[⋰]
	(A)	(B)	(C)	(D)
13.	[L:]	[L:]	[L:]	[L:]
	(A)	(B)	(C)	(D)
14.	✎	✎	✎	⬭
	(A)	(B)	(C)	(D)
15.	△	○	□	⬠
	(A)	(B)	(C)	(D)

Instruction: In question no. 16 to 20 figures are given with question mark(?). Complete the figure replacing question mark(?) with suitable number logically.

16.		
	(A) 27	(B) 37	(c) 25	(D) 9
17.		
	(A) W	(B) X	(C) Y	(D)Z
18.		
	(A) 50	(B) 55	(C) 52	(D) 65

| 19. | |

19.

(A) 43   (B) 49   (C) 39   (D) 45

20.

(A)42   (B)45   (C) 52   (D) 32

Instruction: In question no. 21 to 25, English alphabets are given digital number/code. Using them, find the correct digital number/code for given English word by choosing the correct option given below.

21. If GOOD = 715154 the NEWS = ?

(A) 1452391   (B) 1425391   (C) 1425913   (D) 1425319

22. If GOAT = 43 then COW = __

(A) 40   (B) 41   (C) 51   (D) 50

23. If CAMEL = XZNVO then BIJAL = ?

(A) YPOYO   (B) YRPQO   (C) YRQZO   (D) YRZPO

24. If WINDOW = 987659 and TREE = 3422 then WINTER = ?

(a) 987342   (B) 987432   (C) 987423   (d) 987324

25. If MANJU = 13-1-14-10-21 then RITJU=?

(A) 17-9-19-10-21 (B) 18-9-19-10-21   (C) 18-9-20-10-21   (D) 17-9-20-10-21

Instruction: According to the question, choose the correct option in question no. 26to 50.

26. Find the correct co-related word

(A) Wall : House   (B) Kilogram :Foot   (C) Kilometer : Foot   (D) Millilitre : Litre

27. Find the correct co-related number   5:36::?

(A) 48   (B)50   (C)49   (D) 56

28. Find the correct co-related character: E:V::I:?

   (A) Q   (B) R   (C) S   (D) T

29. If + means x , - means ÷ , x means +, and ÷ means – are considered then find the value of 10 x 18–9+3 ÷1

   (A) 15   (B) 20   (C) 168   (D) 180

30. If + means x, - means ÷ , x means +, and ÷ means – are considered then find the value of

   (8-6) + (7x4) ÷ 4

   (A) 46   (B) 42   (C) -38   (D) 38

31. Which of the four option given below shows the correct sequence of the given words?

   (1) service (Job) (2) Examination (3) Learning (4) Admission (5) Result (A) 1,4,2,3,5

   (b)4,3,2,5,1 (c) 5,4,3,2,1 (d)2,3,5,1,4

32. Show the correct sequence of the given four option in ascending order

   (1) Prime minister (2) Chief Minister (3) Mayor (4) President (5) Sarpanch (A)5,3,2,4,1

   (b)5,2,3,4,1 (C)5,3,2,1,4 (D) 5,3,2,1,4

33. What will come in place of question mark (?)

   if 3 * 6 =18, 4 * 7 = 22, and 9 * 1 = 20 then 5 * 2 = ?

   (A) 14   (B) 7   (C) 10   (D) 3

34. If 4 x 5 =1625, 3 x 8 =964, 2 x 6 =436 then 1 x 9 =?

   (A) 36   (B) 150   (C) 181   (D) 218

35. What was the day before yesterday if Thursday was the day after tomorrow?

   (A) Saturday   (B) Sunday   (C) Monday   (D) Friday

36. On 14th January 2014 is Saturday, the which day on 15th August 2014?

   (A) Tuesday   (B) Thursday   (C) Friday   (D) Saturday

37. A statement and four predictions are given in the following question. Find a fair prediction. Some leader's like Nagesh are corrupt.

   (A) Nagesh is not corrupt.   (C) Some time Nagesh is not corrupt

   (B) Leader are corrupt   (D) Some leaders are corrupt

38. Among M,T, R and P,M is oder then only P, T is older than R. Then who is older to all?

    (A) T   (b) R   (c) T or R   (D) Incomplete
    information

39. Amrita is older than Namarat. Namrata is younger than Anjali. Who is oldest of all?

    (A) Anjali   (B) Amrita   (C) Gitanjali   (D) Namarata

40. 'A' and 'B' are bother ans sister. Their father is 'C' and 'D' is sister of 'A', 'E' is mother of 'C' and
    'D' Then what will be 'B' of 'E'?

    (a) Grand daughter   (b) Great grand child (Daughter)   (c) Aunt   (d) Wife

41. A person was watching a photo. He said : 'I had neither brother nor sister but this person's father
    is the only son of my grandfather'. The whose photo was that person was watching?

    (a) His son   (b) His father   (C) Himself   (D) His Uncle

42. Suresh and Mahesh were in opposite direction of each other in the evening on the Gujarat
    University ground. The shadow of Mahesh appear on his right side. Then in which direction
    Suresh's mouth will be?

    (A) East   (B) South   (C) West   (D) North

43. Manish's number is 14th from right side in queue of 40 students. Then from the left side at
    which number will his place be?

    (a) 27yh   (B) 28th (C) 29th (d) 30th

44. "Turn back-see front". How may degree angle will be formed by a man in this situation?

    (a) 90^0 (b) 18^0 (c) 60^0 (d) 270^0

45. Which number is wrong in following series? 41,41,42,44,48,51,56

    (A) 48   (B) 51   (c) 56   (D)41

46. 643145321243174312931

    In the above series, how many 3's are there such that 1 comes after and 4 comes before?

    (A) 5   (B) 4   (C) 3   (D) 2

47. Which word can be made with the character of the given words. "INTERNATIONAL'

    (A) ANNUAL   (B) LAMINATION   (C) TERMINATE   (D) INTERNAL

48.   In the following options three are similar group but one is different from them. Find that different option.

(A) 24-36   (B) 44-56   (C) 39-45   (D) 66-78

49.   In the following options three are similar group but one is different from them. Find that different option.

(A) QRS   (B) XYZ   (C) STU   (D) MLN

50.   Richa walk 4 km in the direction of sun of sunset time. Then she turns a right and walks 1km. She turns left and walks 1km then she turns left and walk 1km. Now how many km would she away from her origin?

(a) 3   (B) 4   (c) 5   (d) 6