Roll Number

ENGLISH

Test Booklet Code : **J**

Name of the Candidate :

Signature of the Candidate :

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Time : 2 Hours | Maximum Marks : 100

GENERAL INSTRUCTIONS FOR CANDIDATES

1. You are given a Test Booklet of 16 pages as well as an OMR (Optical Mark Recognition) Answer Sheet. The Test Booklet contains 80 questions serially numbered from 1 to 80. **Count the pages of the Test Booklet and be sure that they are in proper order. Ensure that the Serial No. and the Code of the Test Booklet and the OMR Answer Sheet are same. In case of mismatch/defect/discrepancy in the Test Booklet and OMR Answer Sheet, report to your Invigilator and get the Test Booklet and OMR Answer Sheet replaced.**
2. Answers are to be marked only in the OMR Answer Sheet as per the example given below. Candidates are required to indicate their answers at an appropriate place on the OMR Answer Sheet. Darken only one circle for each question as per instructions given on Side-1 of the OMR Answer Sheet.
3. For each question, there are **four** probable answers, out of which only **one is correct**. The candidate is required to select the correct answer and darken the corresponding circle of the chosen answer. For example, if your answer for Question No. 37 is (C), darken the circle Ⓒ as given below.

Q.No.	RESPONSE
37.	Ⓐ Ⓑ ● Ⓓ

4. Only Blue/Black Ball-point Pen is to be used to write on the OMR Answer Sheet. Candidates should bring their own Ball-point Pen. **Use of pencil is strictly prohibited.**
5. The test will be of two hours duration from 11:30 a.m. to 01:30 p.m. and will have three sections with only objective type questions.
6. **Additional time of 40 minutes will be allowed for "Divyang students" (differently-abled students).**
7. A single Test Booklet comprising all the three sections will be given to each candidate.
8. There are 80 questions in all for 100 marks as per details below. 15 minutes additional time is allowed for reading the instructions from 11:15 a.m. to 11:30 a.m.

Type of Tests	Sections	Number of Questions	Marks
Mental Ability Test	Section - I	From 1 to 40 = 40 Questions	50
Arithmetic Test	Section - II	From 41 to 60 = 20 Questions	25
Language Test	Section - III	From 61 to 80 = 20 Questions	25
Total		80	100

9. All questions are to be attempted. Every question carries equal marks.
10. You must attempt questions of each section because you have to qualify in each Section separately.
11. **Section - I** has ten Parts. Separate directions are given for each Part.
12. Overwriting, striking, cutting, applying white/correction fluid and erasing on the OMR Answer Sheet is not allowed. Such answers will not be evaluated. Do not make any stray mark on the OMR Answer Sheet. No change in the darkened circle is allowed once marked in the OMR Answer Sheet.
13. Rough work must not be done on the OMR Answer Sheet. Use Page Number **16** of the Test Booklet for **rough work**.
14. A bell will be rung after every 30 minutes.
15. No negative marking will be done.

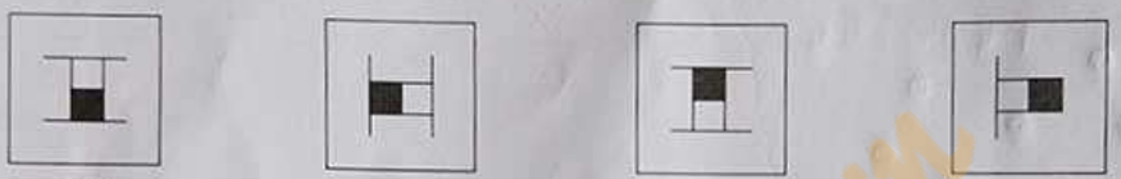
SECTION - I

MENTAL ABILITY TEST

PART - 1

Directions : In Question Nos. **1** to **4**, four figures (A), (B), (C) and (D) have been given in each question. Of these four figures, three figures are similar in some way and one figure is different. Select the figure which is different. Darken the circle for the answer in the OMR Answer Sheet against the number corresponding to the question.

1.



(A) (B) (C) (D)

2.



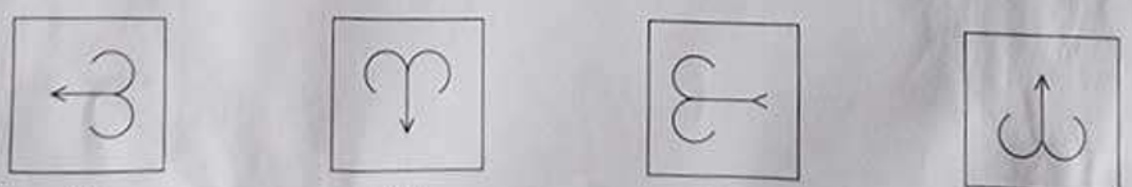
(A) (B) (C) (D)

3.



(A) (B) (C) (D)

4.

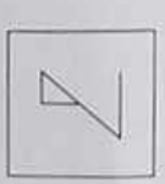
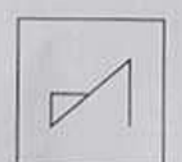
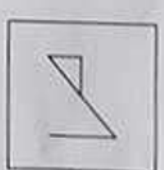
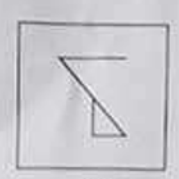


(A) (B) (C) (D)

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PART - 2

Directions : In Question Nos. 5 to 8, a question figure is given on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure which is exactly the same as the question figure and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

	Question Figure	Answer Figures			
5.		 (A)	 (B)	 (C)	 (D)
6.		 (A)	 (B)	 (C)	 (D)
7.		 (A)	 (B)	 (C)	 (D)
8.		 (A)	 (B)	 (C)	 (D)

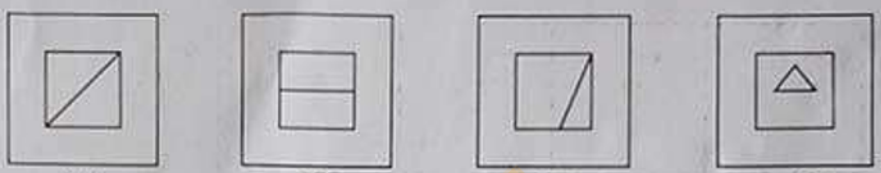
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PART - 3

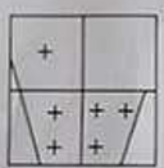
Directions : In Question Nos. **9** to **12**, there is a question figure on the left side, a part of which is missing. Observe the answer figures (A), (B), (C) and (D) on the right side and find out the answer figure which, **without changing the direction,** fits in the missing part of the question figure in order to complete the pattern in the question figure. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figure | **Answer Figures**

9. 



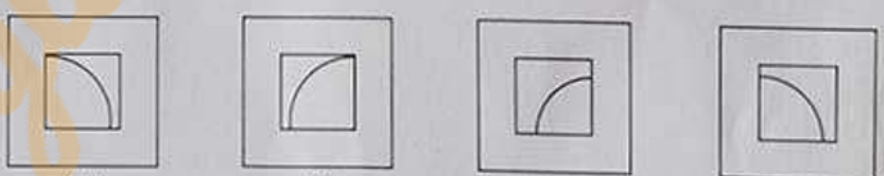
(A) (B) (C) (D)

10. 

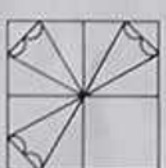


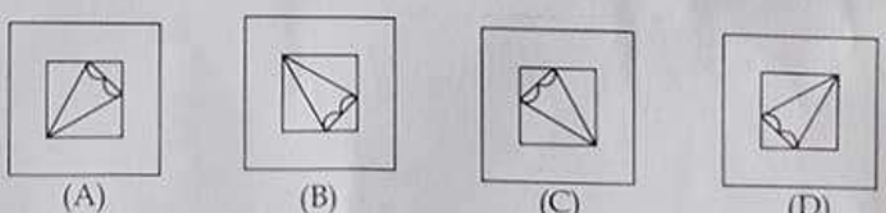
(A) (B) (C) (D)

11. 



(A) (B) (C) (D)

12. 



(A) (B) (C) (D)

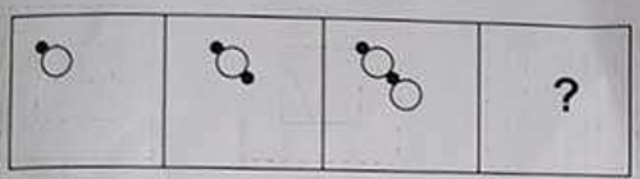
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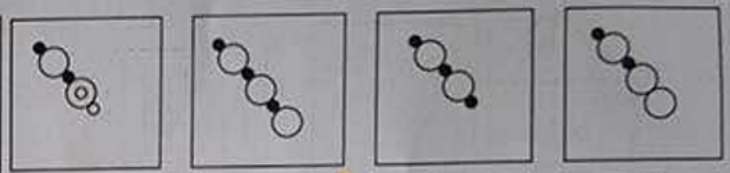
PART - 4

Directions : In Question Nos. **13** to **16**, there are three question figures on the left side and the space for the fourth figure is left blank. The question figures are in a series. Find out one figure from among the answer figures given on the right side which occupies the blank space for the fourth figure on the left side and completes the series. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figures **Answer Figures**

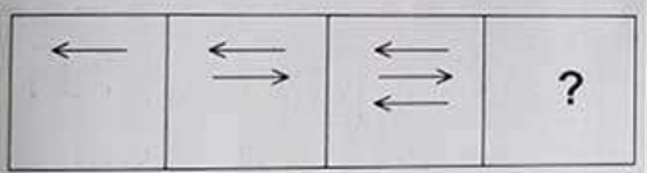
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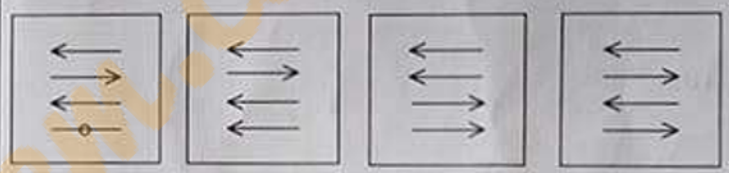




(A) (B) (C) (D)

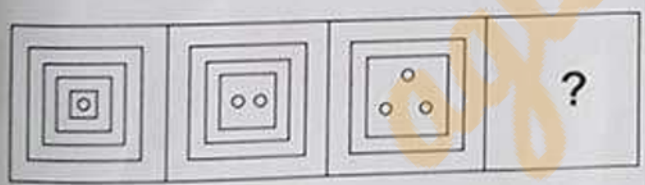
14.

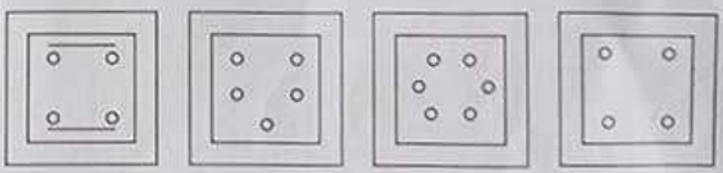




(A) (B) (C) (D)

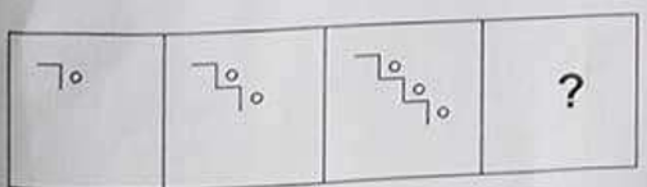
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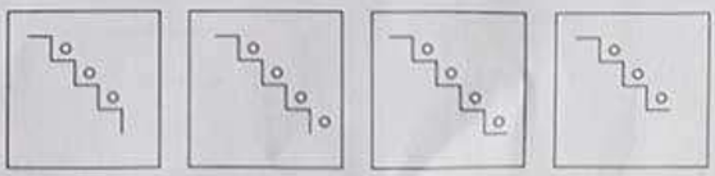




(A) (B) (C) (D)

16.





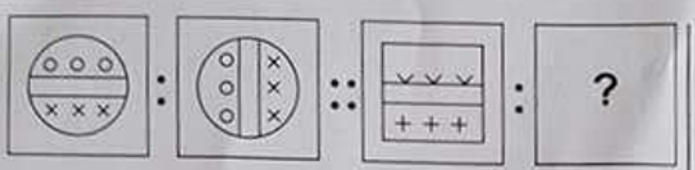
(A) (B) (C) (D)

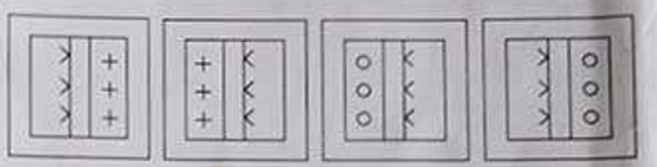
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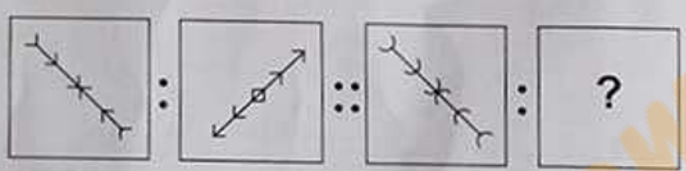
PART - 5

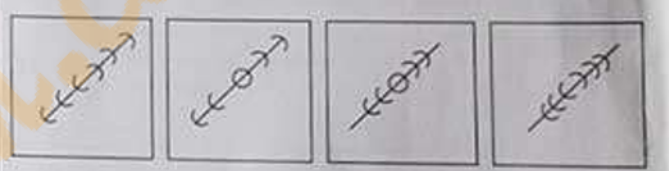
Directions : In Question Nos. **17** to **20**, there are two sets of two question figures each. The second set has an interrogation mark (?). There exists a relationship between the first two question figures. Similar relationship should exist between the third and the fourth question figure. Select one of the answer figures which replaces the mark of interrogation. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figures **Answer Figures**

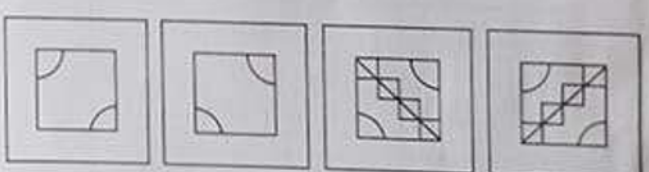
17. 

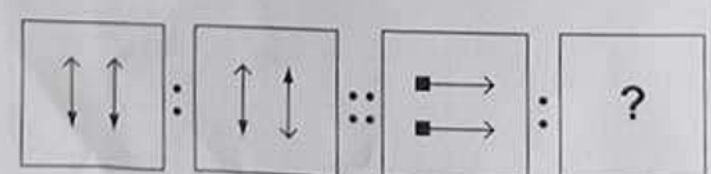

(A) (B) (C) (D)

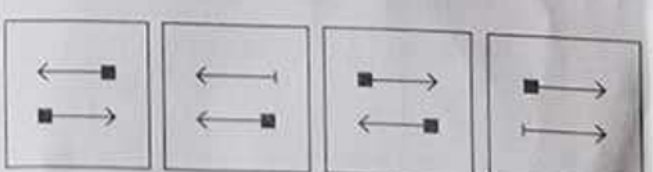
18. 


(A) (B) (C) (D)

19. 


(A) (B) (C) (D)

20. 


(A) (B) (C) (D)

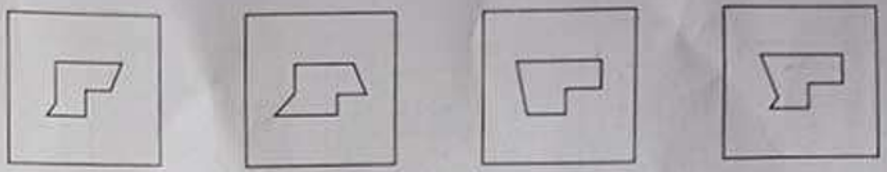
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PART - 6

Directions : In Question Nos. **21** to **24**, one part of a geometrical figure (Triangle, Square, Circle) is on the left side as question figure and the other one is among the four answer figures (A), (B), (C) and (D) on the right side. Find the figure on the right side that completes the geometrical figure and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figure | **Answer Figures**

21. 



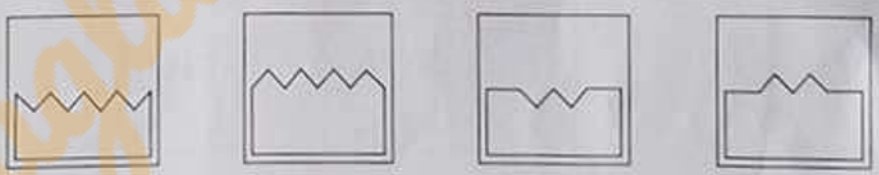
(A) (B) (C) (D)

22. 



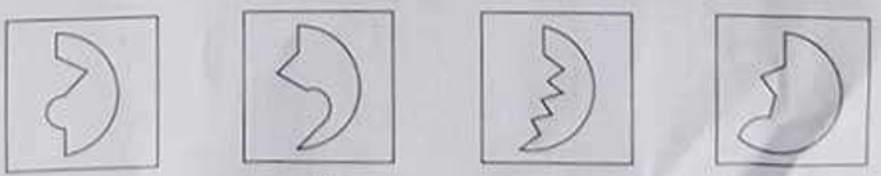
(A) (B) (C) (D)

23. 



(A) (B) (C) (D)

24. 



(A) (B) (C) (D)

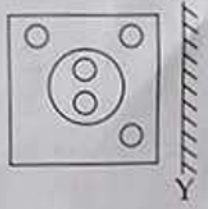
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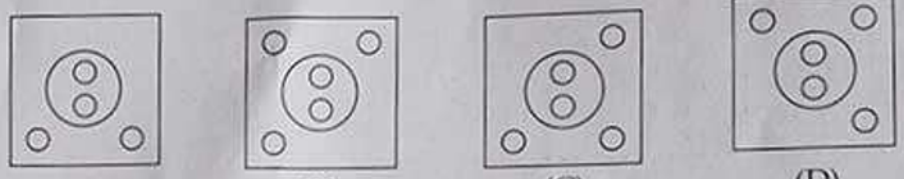
PART - 7

Directions : In Question Nos. **25** to **28**, there is a question figure on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure which is exactly the mirror image of the question figure when the mirror is held at XY. Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figure | **Answer Figures**

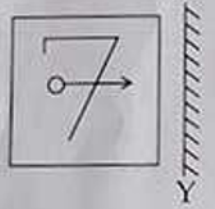
25.





(A) (B) (C) (D)

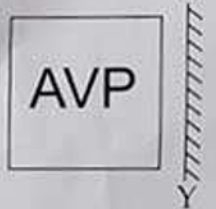
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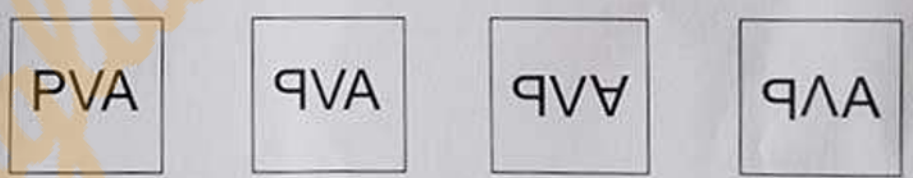




(A) (B) (C) (D)

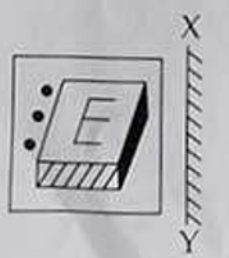
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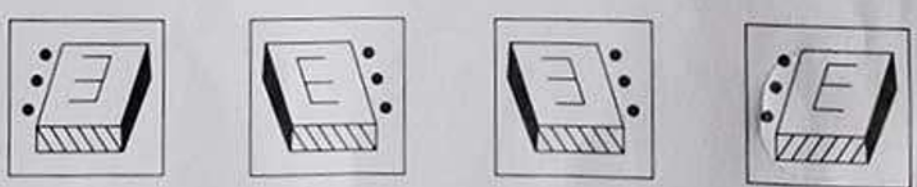




(A) (B) (C) (D)

28.





(A) (B) (C) (D)

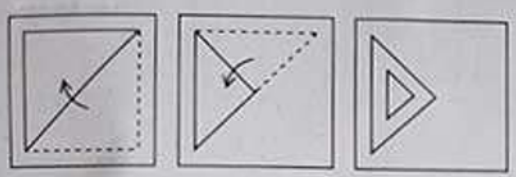
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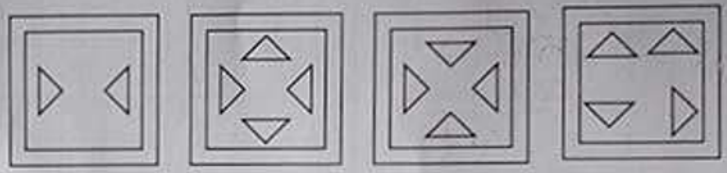
PART - 8

Directions : In Question Nos. **29** to **32**, a piece of paper is folded and punched as shown in the question figures on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure which indicates how the paper will appear when opened (unfolded). Indicate your answer by darkening the circle in the OMR Answer Sheet against the number corresponding to the question.

Question Figures | **Answer Figures**

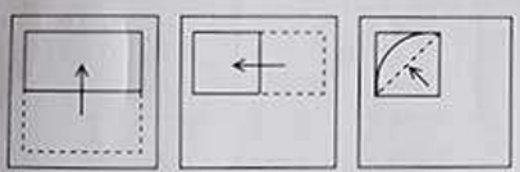
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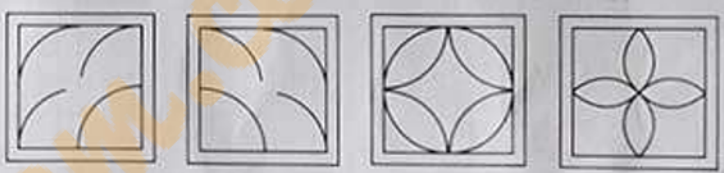




(A) (B) (C) (D)

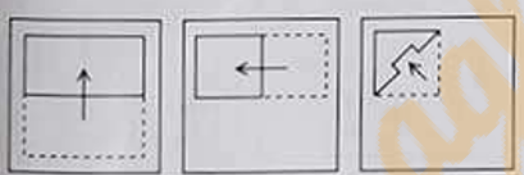
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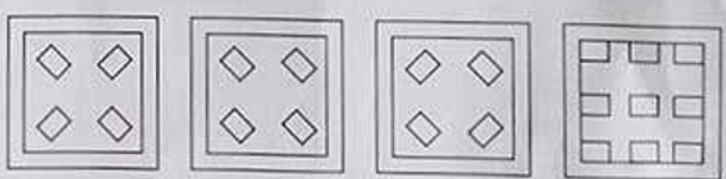




(A) (B) (C) (D)

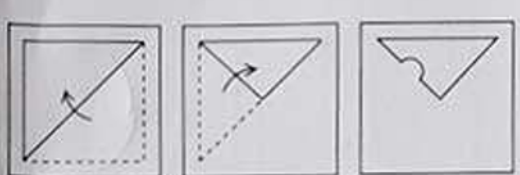
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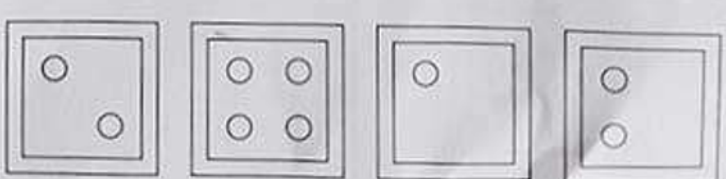




(A) (B) (C) (D)

32.





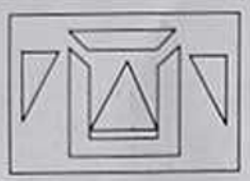
(A) (B) (C) (D)

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PART - 9

Directions : In Question Nos. **33** to **36**, a question figure is given on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure which can be formed from the cut-out pieces given in the question figure. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

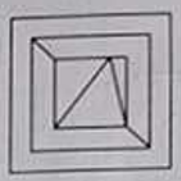
Question Figure | **Answer Figures**

33. 

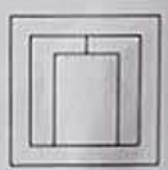

(A)


(B)


(C)


(D)

34. 


(A)


(B)


(C)


(D)

35. 

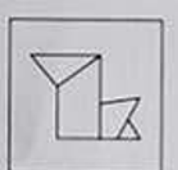

(A)

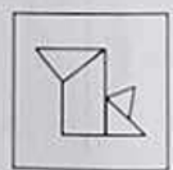

(B)


(C)


(D)

36. 


(A)


(B)


(C)

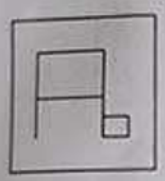

(D)

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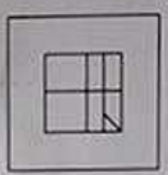
PART - 10

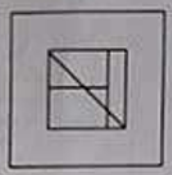
Directions : In Question Nos. **37** to **40**, a question figure is given on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure in which the question figure is hidden/embedded. Darken the circle in the OMR Answer Sheet against the number corresponding to the question.

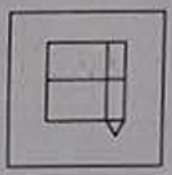
Question Figure | **Answer Figures**

37. 

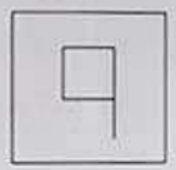

(A)


(B)


(C)

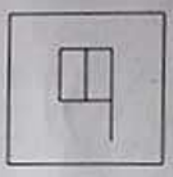

(D)

38. 


(A)

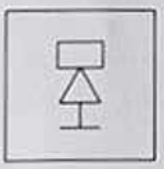

(B)


(C)


(D)

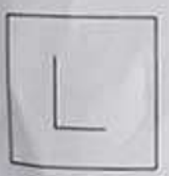
39. 

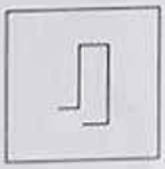

(A)


(B)


(C)

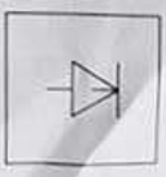

(D)

40. 


(A)


(B)


(C)


(D)

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SECTION - II
ARITHMETIC TEST

Directions : For every question, **four** probable answers as (A), (B), (C) and (D) are given. Only **one** out of these is **correct**. Choose the correct answer and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

41. Which of the following numbers is divisible by 3, 4, 5 and 6 ?
(A) 36 (B) 60
(C) 80 (D) 90

42. 360 g is what percent of 3 kg ?
(A) 12% (B) 15%
(C) 18% (D) 21%

43. My watch shows 7 : 05 a.m. It is 25 minutes fast. The correct time is :
(A) 7 : 30 a.m. (B) 7 : 50 a.m.
(C) 6 : 40 a.m. (D) 5 : 40 a.m.

44. The length, width and height of a water tank are 11 m, 10 m and 9 m respectively. The tank is filled with water upto 6 m height. The empty portion of the water tank is :
(A) $\frac{1}{4}$ (B) $\frac{1}{3}$
(C) $\frac{1}{6}$ (D) $\frac{2}{3}$

45. The difference between the cost price and selling price of a commodity is ₹ 240. If the profit is 20%, then the selling price is :
(A) ₹ 1200 (B) ₹ 1440
(C) ₹ 1800 (D) ₹ 2440

46. A 1250 m long train covers a distance of 1 km in 2 minutes. It crosses another stationary train in 4 minutes. The length of stationary train is :
(A) 1250 m (B) 500 m
(C) 750 m (D) 1000 m

47. How many rectangular tiles of dimensions 10 cm × 8 cm are required to cover the floor of a hall having dimensions 12 m × 10 m ?
(A) 12,000 (B) 15,000
(C) 10,000 (D) 18,000

48. On simplification of
$10 \times 10 + [400 \div \{100 - (50 - \overline{3 \times 10})\}]$,
we get :
(A) 265 (B) 65
(C) 310 (D) 105

49. A number with 4 or more digits is divisible by 8 if the :
(A) number is even
(B) last digit is divisible by 8
(C) last two digits are divisible by 8
(D) last three digits are divisible by 8

SPACE FOR ROUGH WORK

50. A dealer gets ₹ 56 less if instead of selling a chair at a gain of 15% he sells it at a gain of 8%. The cost price of the chair is :
(A) ₹ 700 (B) ₹ 800
(C) ₹ 900 (D) ₹ 950

51. On dividing 4.239 by 0.9 we get :
(A) 0.471 (B) 4.71
(C) 47.1 (D) 471

52. 5 cm is expressed in kilometers as :
(A) 0.005 km
(B) 0.0005 km
(C) 0.00005 km
(D) 0.000005 km

53. The sum of two numbers is 8 and their product is 15. What is the sum of their reciprocals ?
(A) $\frac{8}{15}$ (B) $\frac{15}{8}$
(C) 23 (D) 7

54. Five thousand five hundred fifty-five is written as :
(A) 5055 (B) 5505
(C) 5550 (D) 5555

55. If 15 is the sum of three consecutive numbers, then the square of the middle number is :
(A) 16 (B) 25
(C) 36 (D) 49

56. The difference between the greatest and smallest 4-digit number using all the digits 9, 7, 0 and 4 is :
(A) 8991 (B) 5391
(C) 9261 (D) 5661

57. The HCF of $2^2 \times 3^3 \times 5^5$; $2^3 \times 3^2 \times 5^2 \times 7$ and $2^4 \times 3^4 \times 5 \times 7^2 \times 13$ is :
(A) $2^2 \times 3^2 \times 5 \times 7 \times 13$
(B) $2^4 \times 3^4 \times 5^5$
(C) $2^4 \times 3^4 \times 5^2 \times 7 \times 11$
(D) $2^2 \times 3^2 \times 5$

58. A 1 km long goods train is running at a speed of 45 km/h. The time taken by this goods train to pass through a 2 km long tunnel is :
(A) 1 minute (B) 2 minutes
(C) 3 minutes (D) 4 minutes

59. A group of 80 students went on a picnic. 20% of the students are girls and rest are boys. How many girls should be added to make the boys as 70% ?
(A) 16 (B) 24
(C) 12 (D) 8

60. Rahim got 10 marks more than Dinesh. George got 25 marks less than Rahim. The total marks of all the three is 235. The marks of George are :
(A) 80 (B) 65
(C) 90 (D) 75

SPACE FOR ROUGH WORK

SECTION - III
LANGUAGE TEST

Directions : There are **four** passages in this Section. Each passage is followed by **five** questions. Read each passage carefully and answer the questions that follow. For each question, **four** probable answers as (A), (B), (C) and (D) are given. Only **one** out of these is **correct**. Choose the correct answer and darken the circle in the OMR Answer Sheet against the number corresponding to the question.

Passage - 1

We cannot judge a person merely through his outward appearance. Appearances are often deceptive. It is difficult to know one's virtues or qualities at a glance. Sometimes we are drawn towards a person by his outward appearance. But later we realise that we judged him wrong. Many things appear attractive superficially. But very often things are not what they seem to be. We should find out the true nature of a person or a thing.

61. Outward appearances are often _____ .
(A) deceptive (B) strong
(C) clear (D) true

62. What is difficult to know at a glance ?
(A) One's name (B) One's address
(C) One's virtues (D) One's ambition

63. Mostly we are attracted towards a person by his/her _____.
(A) inner show
(B) attractive personality
(C) outward appearance
(D) mental power

64. 'Attractive' is **not** the synonym of _____.
(A) beautiful (B) pretty
(C) lovely (D) ugly

65. 'Deceptive' is a/an _____.
(A) Adverb (B) Verb
(C) Adjective (D) Noun

Passage - 2

A volcano is a burning mountain with a great hole running deep into the earth. The mouth of the opening is called the 'crater' of the volcano. Sometimes a volcano may remain quiet for centuries and then suddenly become active. This is called a 'volcanic eruption', and great clouds of ash, dust, gas and steam rise from the crater accompanied by a loud noise. After sometime hot molten rock, called lava, begins to flow down the mountain. This may continue for many days or weeks. Then the volcano will 'go to sleep' again, or remain 'dormant' for many years. Most volcanoes are found near the sea, leading to formation of islands.

66. What is **not** true about a volcano ?
(A) It is like big forest fires.
(B) It gives out ash, dust and lava.
(C) It is found mostly near the sea.
(D) It creates a great hole deep into the earth.

67. When a volcano erupts it is said to be _____.
(A) dormant (B) sleeping
(C) active (D) quiet

68. The lava that flows down the mountain is in _____ state.
(A) solid (B) liquid
(C) vapour (D) gaseous

69. The antonym of 'quiet' here is _____.
(A) calm (B) serene
(C) still (D) active

70. 'Accompanied' as used in the passage, means _____.
(A) alongwith (B) followed by
(C) happened (D) continued

Passage - 3

Sometimes we get bored doing the same kind of job. It reduces our efficiency, so we should have some entertainment to refresh ourselves. Then we can resume our work with the same efficiency and enthusiasm. Tension or worries are the enemies of our health. Laughter is the best medicine to get rid of unwanted tension or worries. We can also visit parks, museums, sanctuaries, etc. to remove our tension. Physical exercise is also as important as playing games.

71. We get bored doing the _____ kind of job.
(A) different (B) separate
(C) similar (D) apart

72. After some entertainment we can _____ our work.
(A) end (B) finish
(C) close (D) resume

73. Laughter helps us in getting rid of _____.
(A) hereditary diseases only
(B) unwanted tension
(C) unforeseeable problems only
(D) viral diseases

74. 'Resume' means the same as _____.
(A) take back (B) start again
(C) finish (D) discontinue

75. 'Efficiency' is the antonym of _____.
(A) edge (B) effectiveness
(C) inefficiency (D) effusiveness

Passage - 4

Lal Bahadur Shastri was the second Prime Minister of India. He is said to be one of the best leaders India has ever produced. But only a few people know about his early life. He battled against all odds in his life to complete his studies. After completing his studies he did not opt for any job. He was eager to join the freedom movement. Soon he became a mass leader. He became the Prime Minister of India in 1964. He was a laborious person and worked at least eighteen hours a day.

76. Lal Bahadur Shastri was the _____ Prime Minister of India.
(A) second (B) first
(C) third (D) fourth

77. He battled _____ all odds in his life.
(A) for (B) against
(C) in (D) into

78. He became a _____ leader.
(A) one man (B) few men
(C) mob (D) mass

79. 'Became' is the _____ tense of the verb.
(A) present (B) past
(C) future (D) indefinite

80. 'Complete' is the synonym of _____.
(A) begin (B) commence
(C) finish (D) open

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