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Navodaya Vidyalaya Samiti

6th Class Entrance Test (2019-20)

Roll Number ☐☐☐☐☐☐☐

Held on 06.04.2019

TEST BOOKLET

19ENGL

ENGLISH

Test Booklet No. 1426639

Answers are Circled in Orange Colour

Test Booklet Code: C

Name of the Candidate :

Signature of the Candidate :

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 code and the serial number 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 C 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-hour duration from 11:30 am to 01:30 pm and will have 3 sections with only objective type questions.
6. **Additional time of 30 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 minute additional time is allowed for reading the instructions.

Type of Test	Section	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 10 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.

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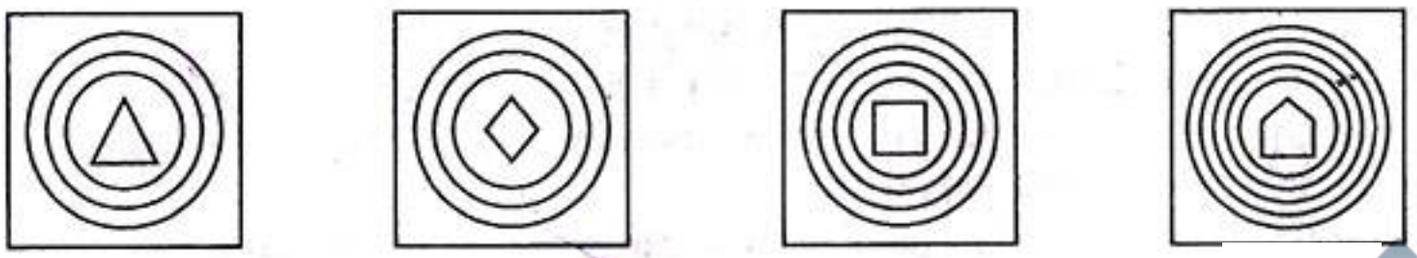
SECTION - I

MENTAL ABILITY TEST

PART - I

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 answer in the OMR Answer Sheet against the number corresponding to the question.

1.



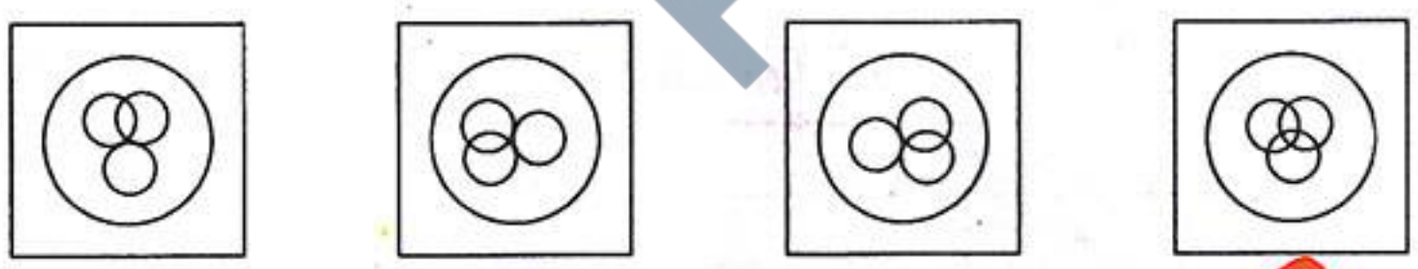
(A) (B) (C) (D)

2.



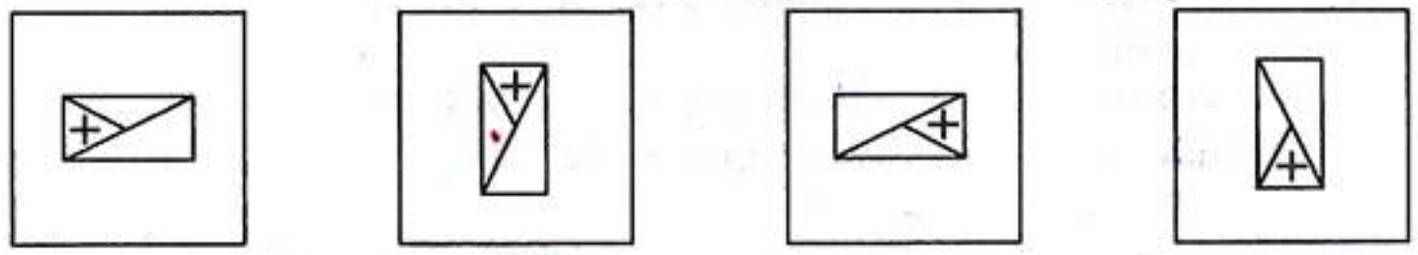
(A) (B) (C) (D)

3.



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

4.

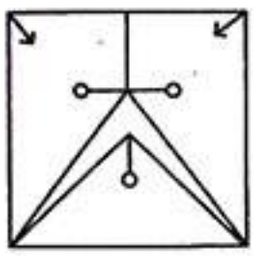
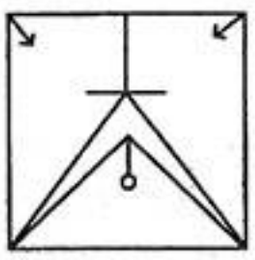
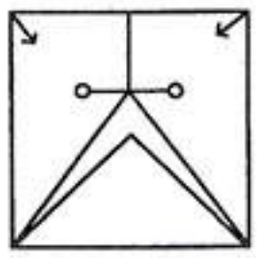
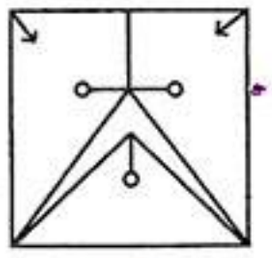
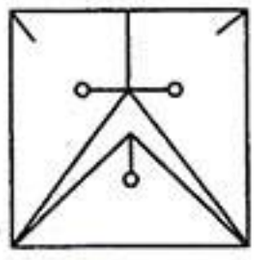
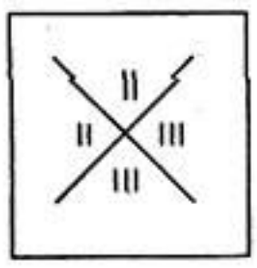
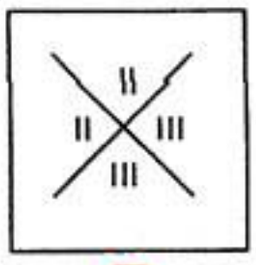
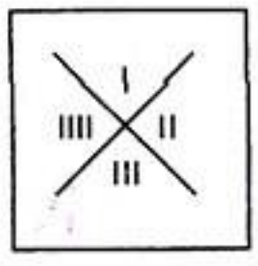
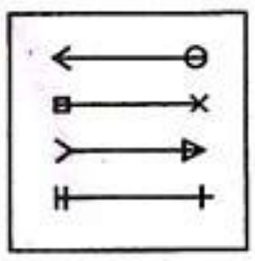
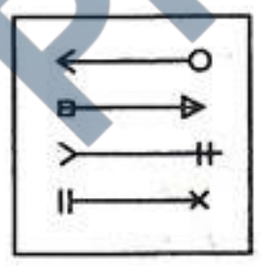
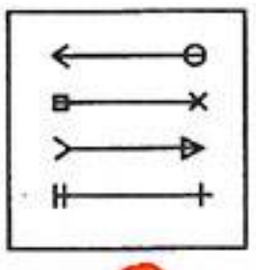
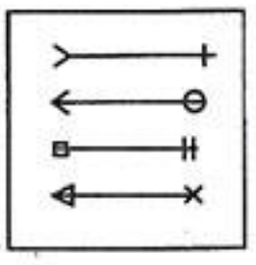
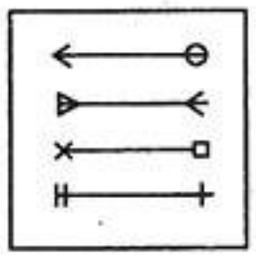
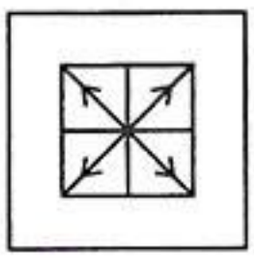
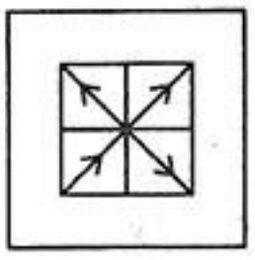
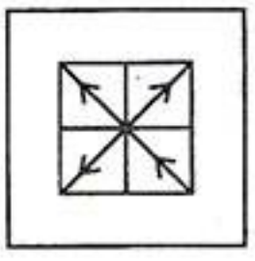
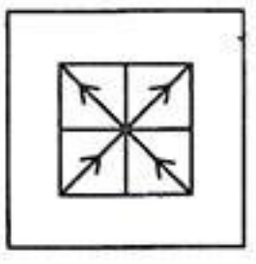
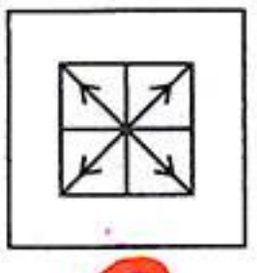


(A) (B) (C) (D)

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PART - II

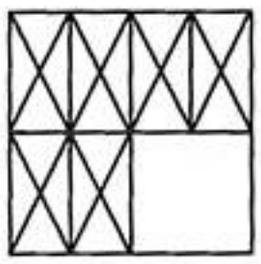
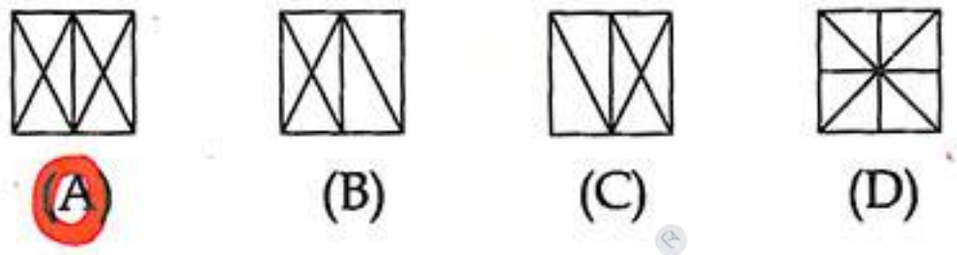
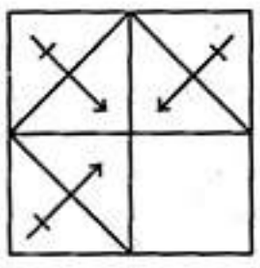
Directions : In Question Nos. **5** to **8**, a question figure is given on the left side and four answer figures marked (A), (B), (C) and (D) are given on the right side. Select the answer figure which is exactly the same as the question figure and darken the circle in the OMR Answer Sheet against the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

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

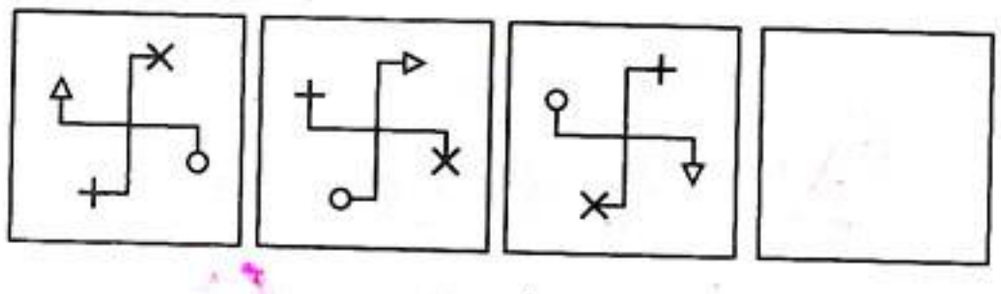
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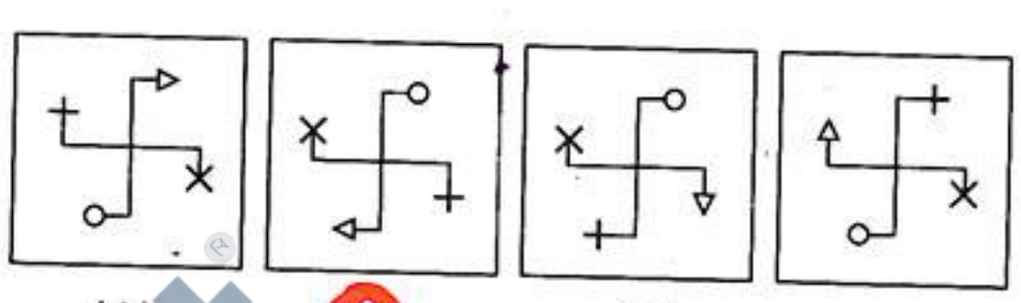
PART - IV

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.

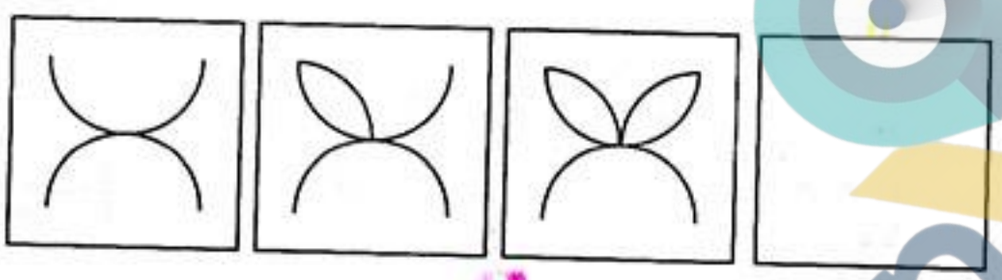
Question Figures | **Answer Figures**

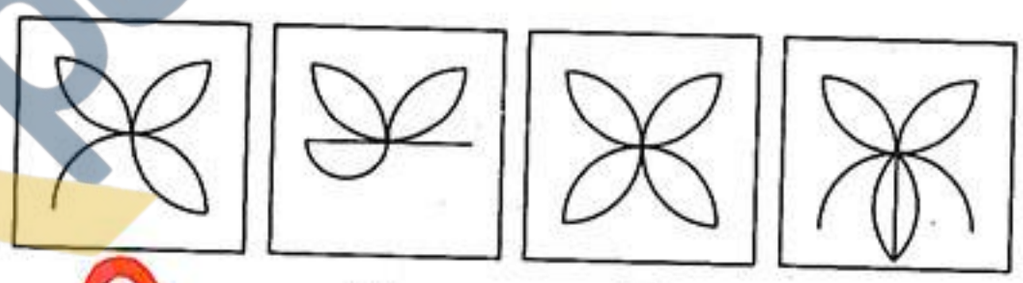
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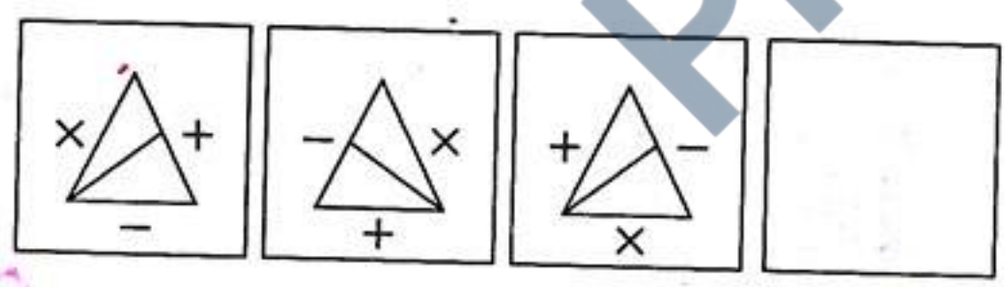


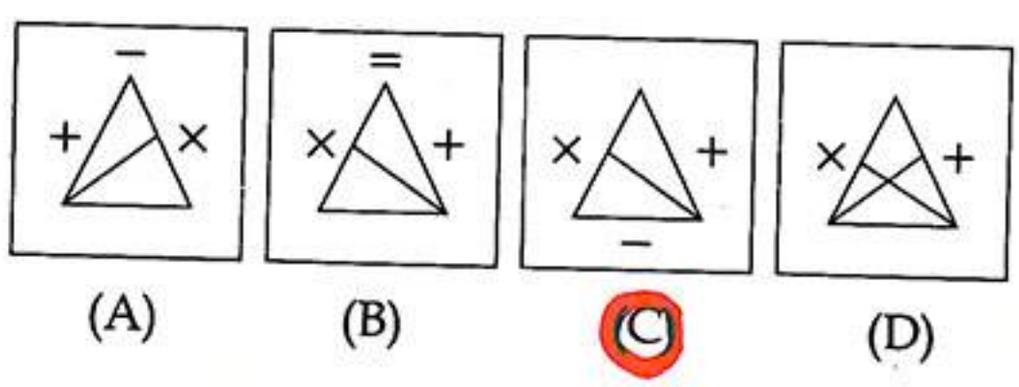
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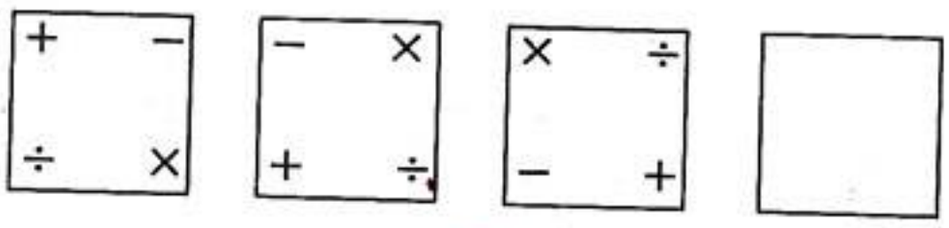


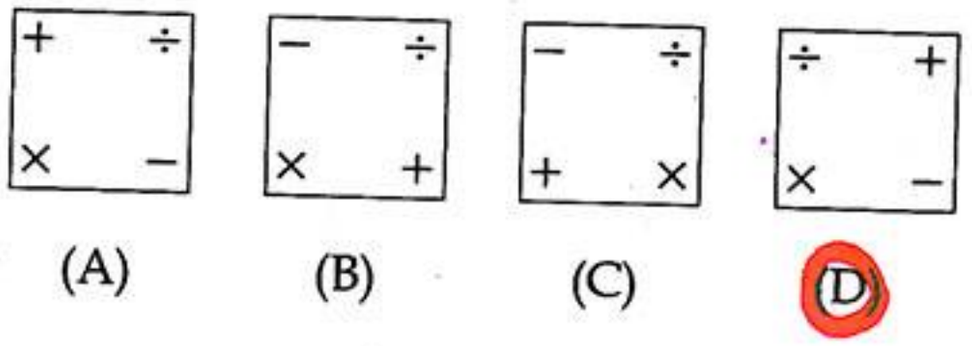
15.





16.

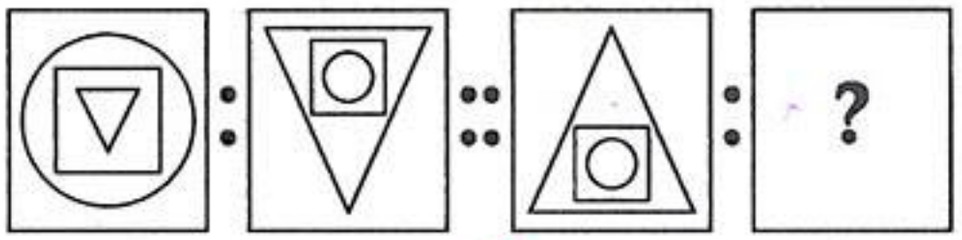
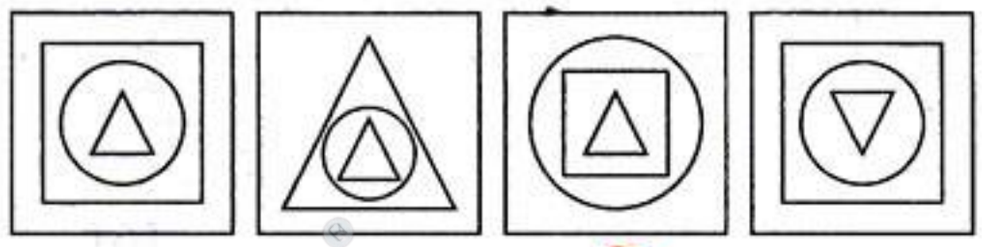
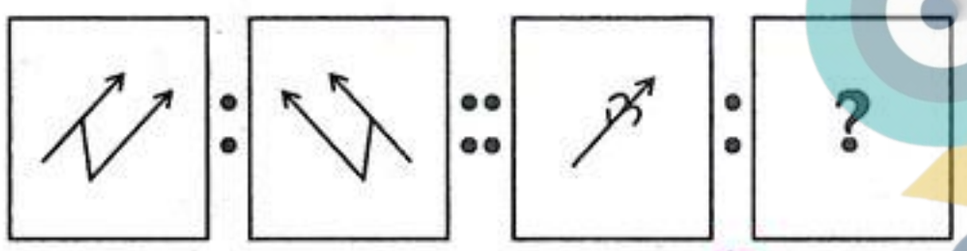
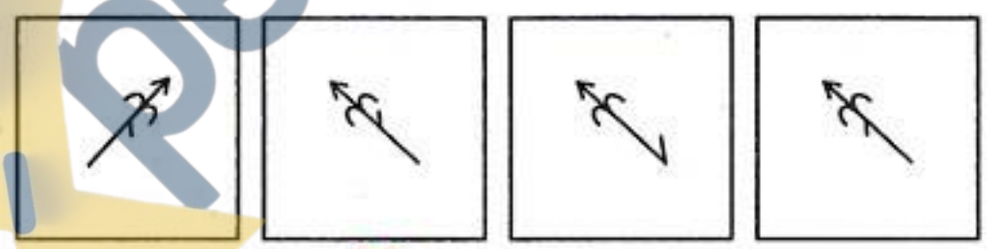
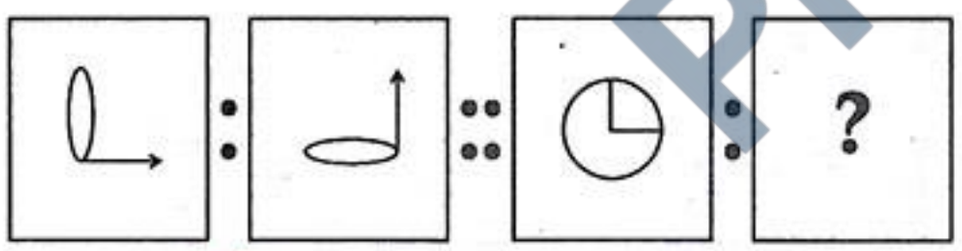
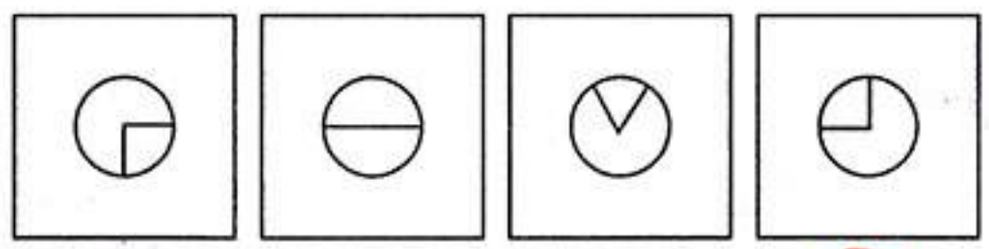
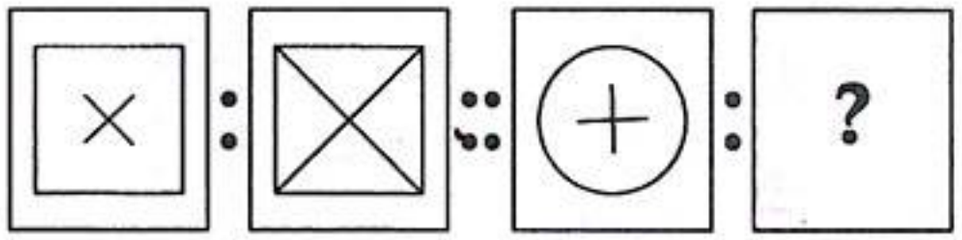
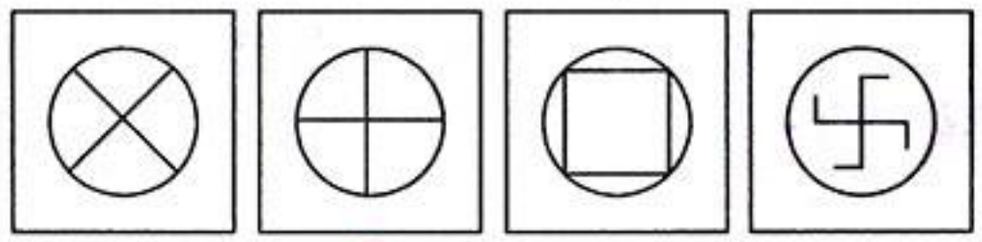




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PART - V

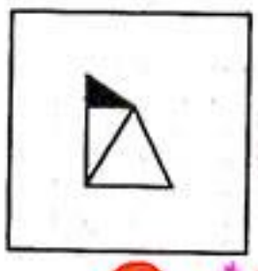
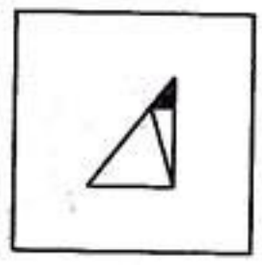
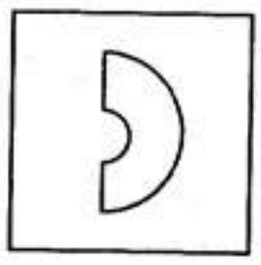
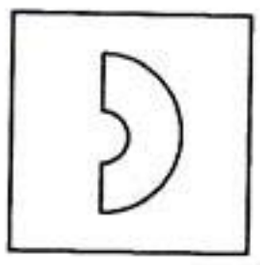
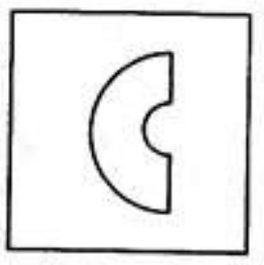
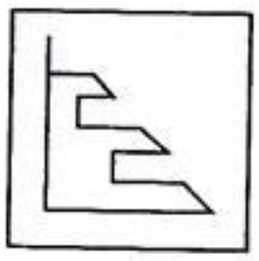
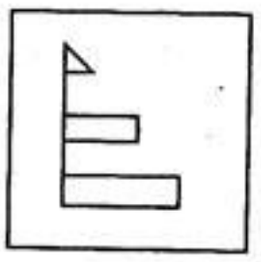
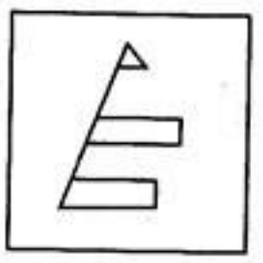
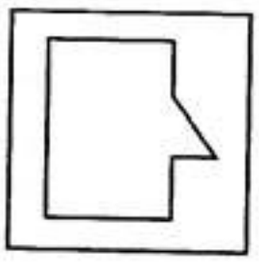
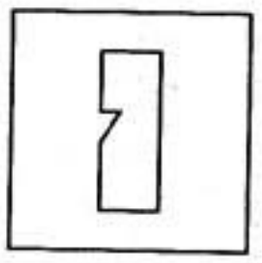
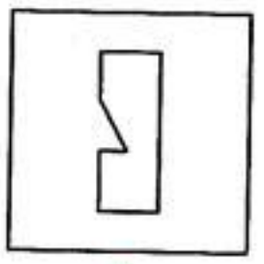
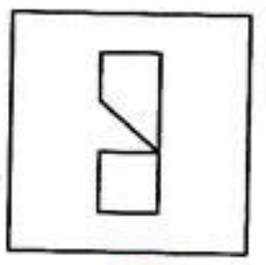
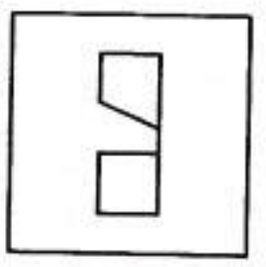
Directions : In Question Nos. 17 to 20, there are two sets of two question figures each. The second set has an interrogation mark (?). There exists a relationship between the first two question figure. Similar relationship should exist between the third and fourth question figure. Select one of the answer 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 - VI

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)



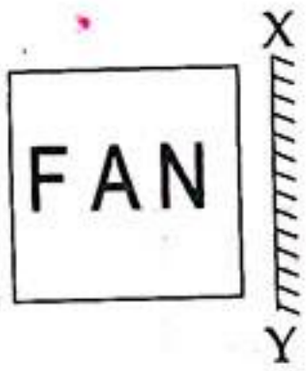
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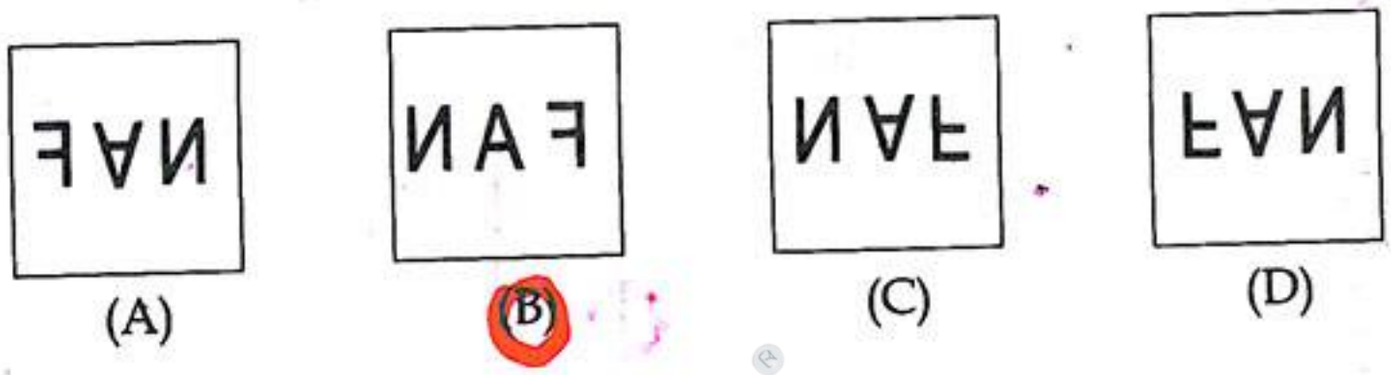
PART - VII

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.

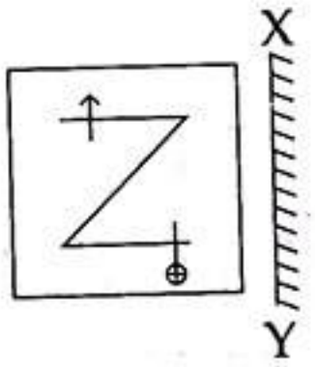
Question Figure | **Answer Figures**

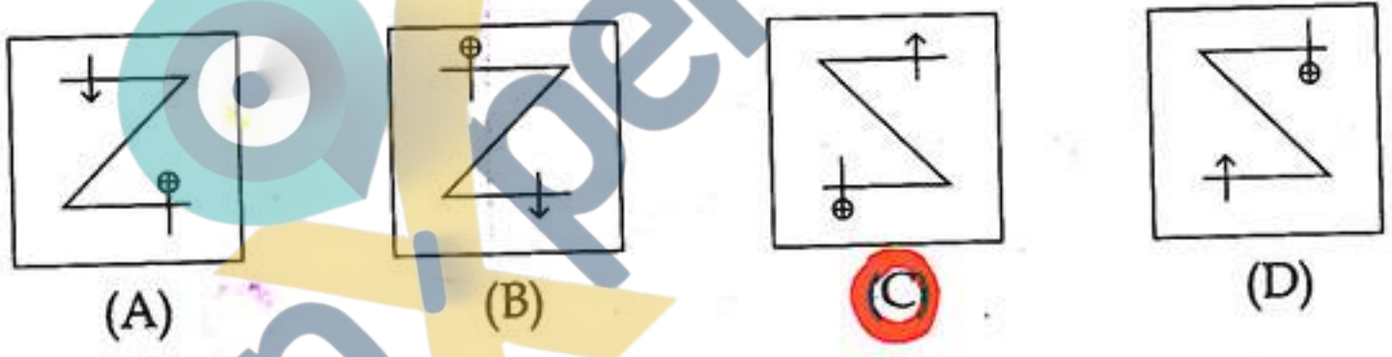
25.



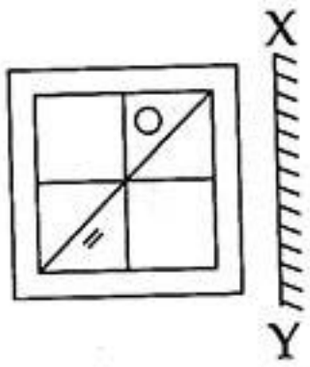


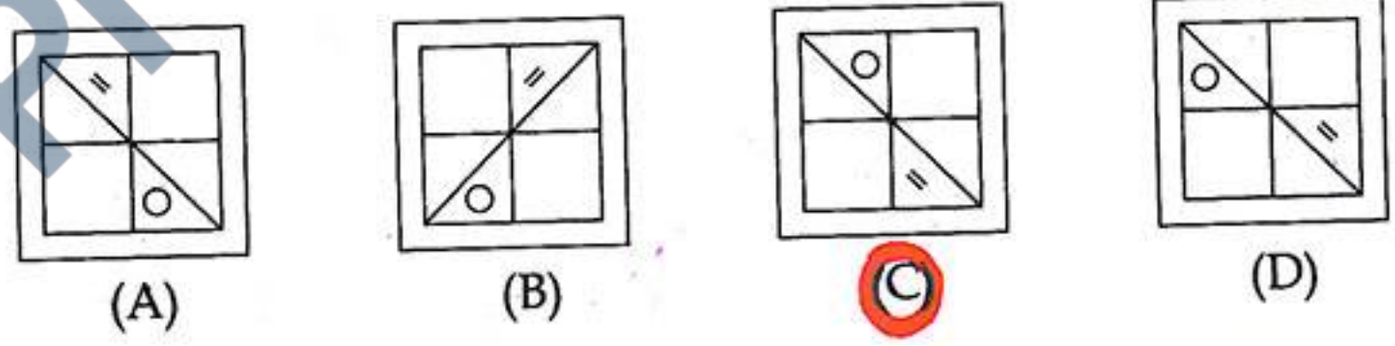
26.



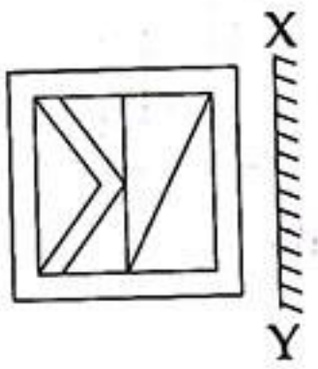


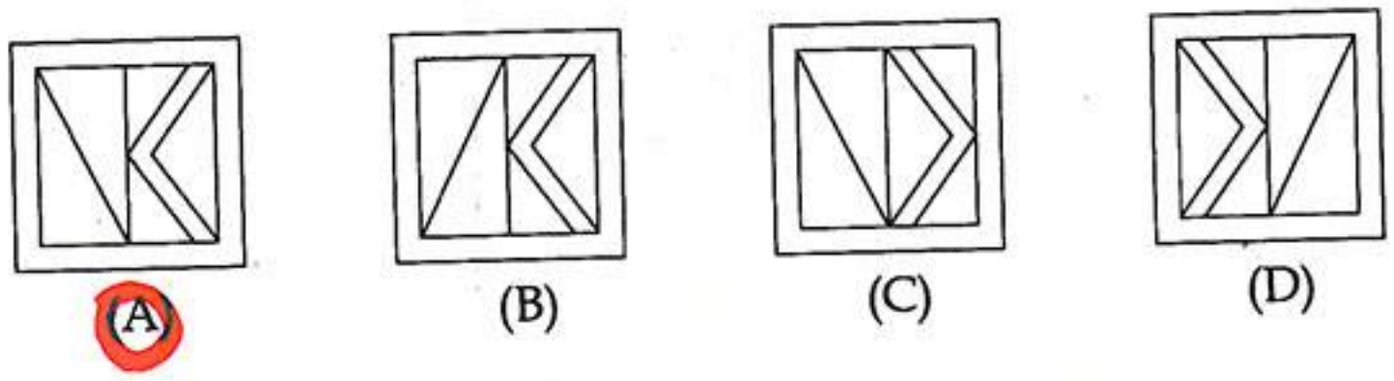
27.





28.





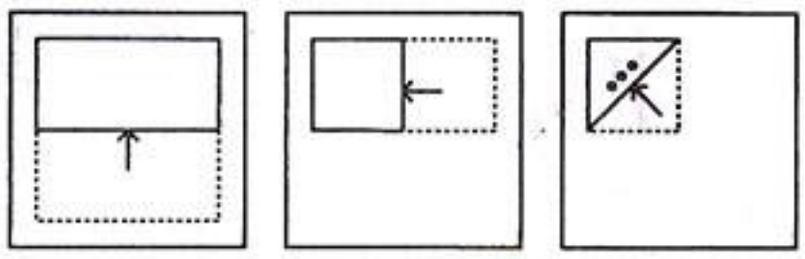
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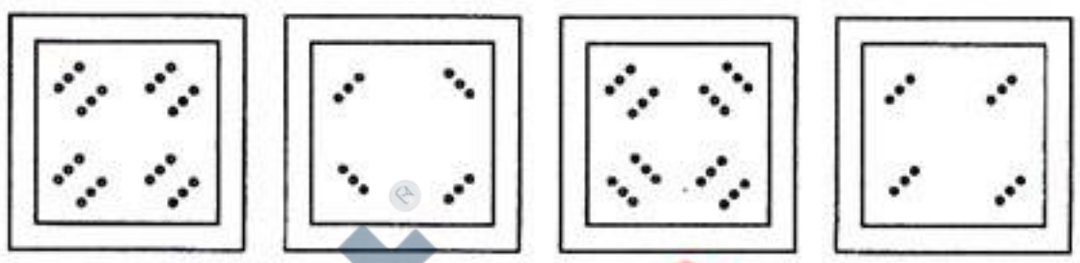
PART - VIII

Directions : In Question Nos. **29** to **32**, a piece of paper is folded and punched as shown in question figures on the left side and four answer figures marked (A), (B), (C) and (D) are given on 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**

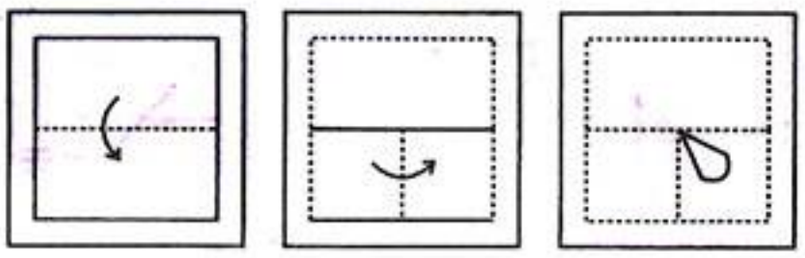
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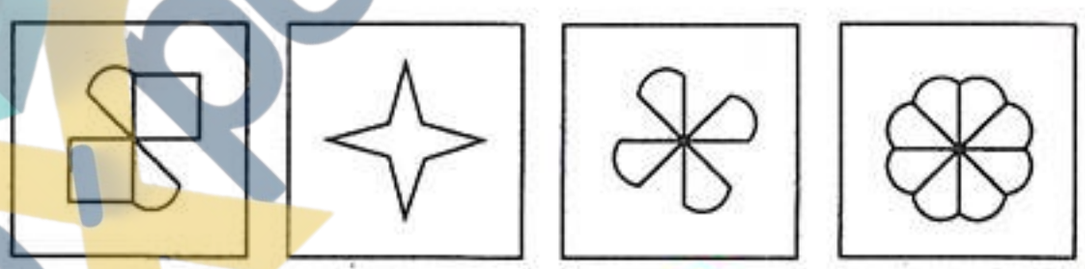




(A) (B) (C) (D)

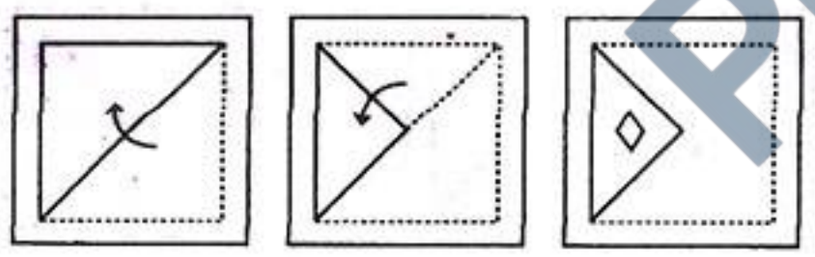
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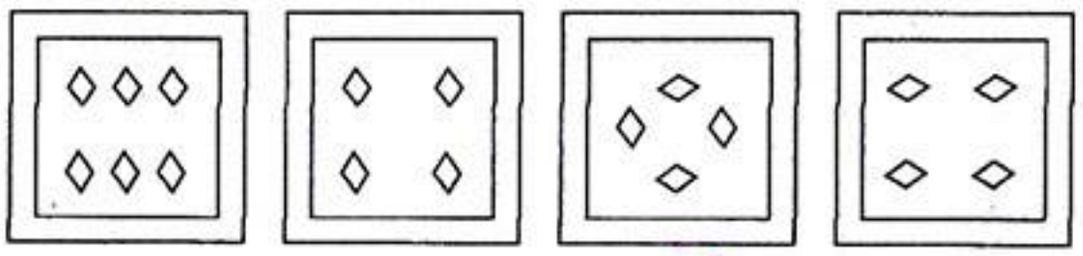




(A) (B) (C) (D)

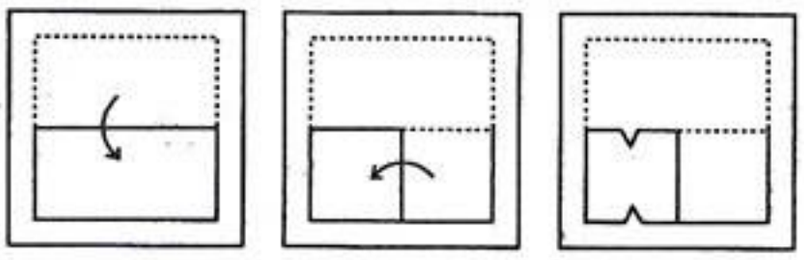
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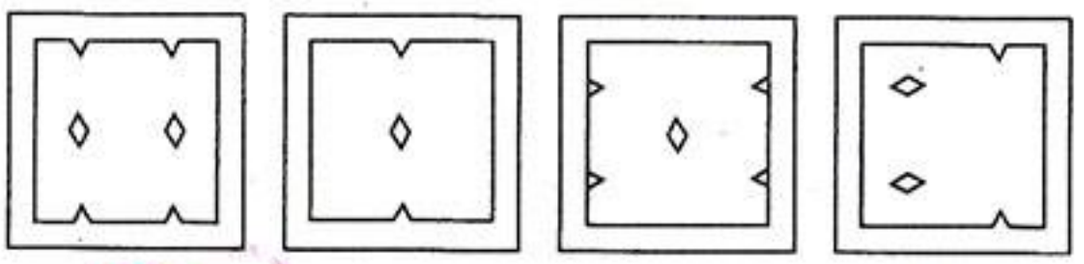




(A) (B) (C) (D)

32.



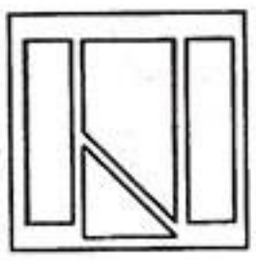
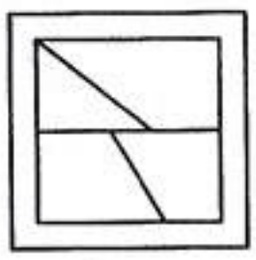
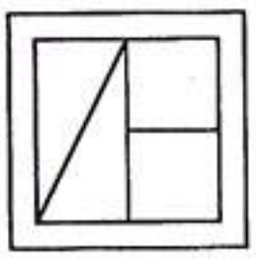
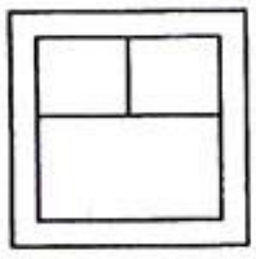
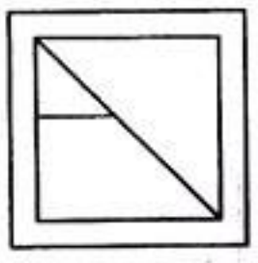
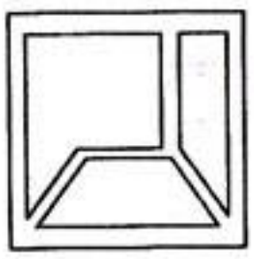
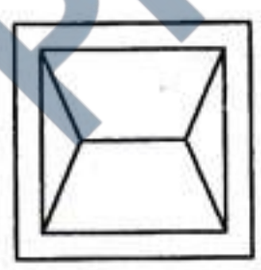
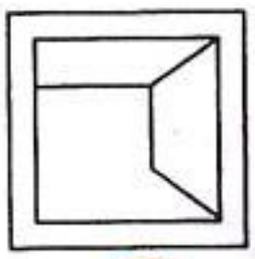
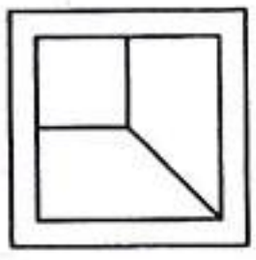
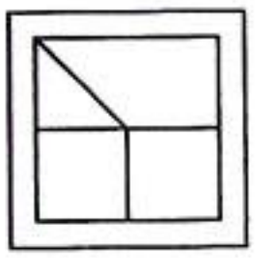
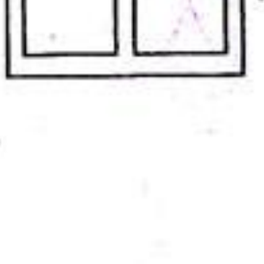
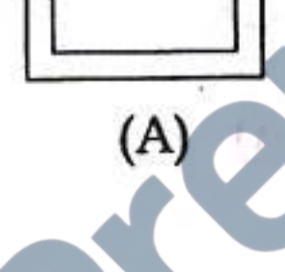
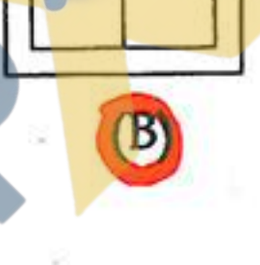
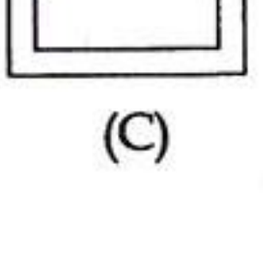
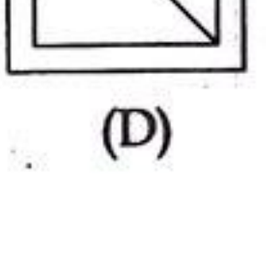


(A) (B) (C) (D)

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PART - IX

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.

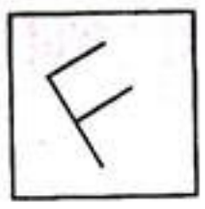
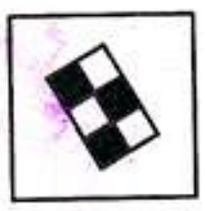
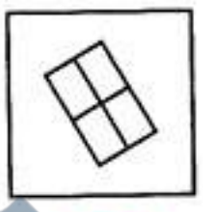
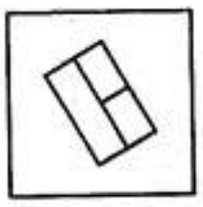
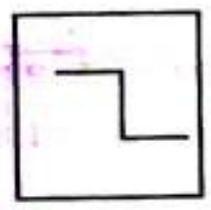
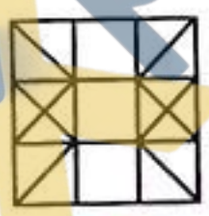
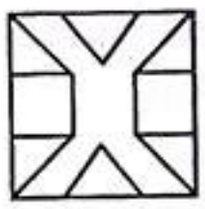
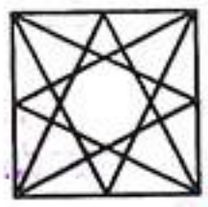
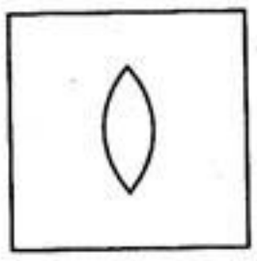
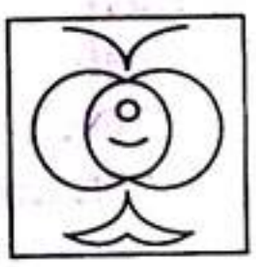
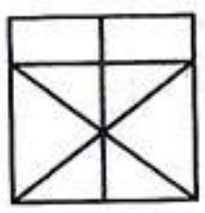
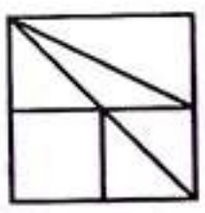
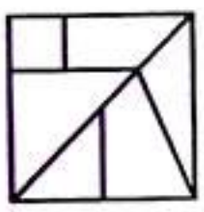
Question Figure	Answer Figures
33. 	(A)  (B)  (C)  (D) 
34. 	(A)  (B)  (C)  (D) 
35. 	(A)  (B)  (C)  (D) 
36. 	(A)  (B)  (C)  (D) 



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PART - X

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. Simplification of the following gives :

$$15\frac{1}{2} - \left[\frac{12}{5} \times \frac{5}{8} + \left(7 \div 1\frac{3}{4}\right)\right] \times 2$$

(A) $\frac{2}{9}$ (B) $\frac{7}{2}$

(C) $\frac{9}{2}$ (D) $\frac{11}{2}$

42. The number of numbers which are multiples of both 3 and 5 in the first 100 natural numbers is :

(A) 10 (B) 9

(C) 7 (D) 6

43. Which of the following statements is **correct** ?

(A) Zero is an odd number.

(B) Zero is an even number.

(C) Zero is a prime number.

(D) Zero is neither odd nor even number.

44. If a man travels at a speed of 30 km/hr, he reaches his destination 10 minutes late and if he travels at a speed of 42 km/hr, he reaches his destination 10 minutes early. The distance travelled is :

(A) 36 km (B) 35 km

(C) 40 km (D) 42 km

45. A passenger train, running at a speed of 80 km/hr leaves a railway station 6 hours after a goods train leaves and overtakes it in 4 hours. What is the speed of the goods train ?

(A) 32 km/hr (B) 48 km/hr

(C) 60 km/hr (D) 50 km/hr

46. What sum will amount to ₹ 6,600 in 4 years at 8% per annum simple interest ?

(A) ₹ 6,000 (B) ₹ 5,000

(C) ₹ 4,000 (D) ₹ 6,200

47. 5,045 grams is equal to :

(A) 50 kg, 45 g (B) 5 kg, 45 g

(C) 5 kg, 450 g (D) 50 kg, 450 g

48. How many rectangular slabs of 10 cm × 8 cm are required to cover the floor of a hall of 12 m × 10 m ?

(A) 12000 (B) 15000

(C) 10000 (D) 18000

49. What is the sum of the place values of 5 in the number 5,84,356 ?

(A) 10 (B) 50,050

(C) 5,050 (D) 5,00,050

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50. Two solid cubes of side 10 cm each are joined end to end. What is the volume of the resulting cuboid ?

(A) 500 cm^3 (B) 2000 cm^3
(C) 1000 cm^3 (D) 10000 cm^3

51. 150% is equal to :

(A) 1.5 (B) 5.1
(C) 0.15 (D) 15.0

52. A fruit seller buys lemons at 2 for a rupee and sells them at 5 for three rupees. What is his profit percent ?

(A) 8% (B) 10%
(C) 15% (D) 20%

53. Which of the following numbers is divisible by 3, 4, 5 and 6 ?

(A) 36 (B) 60
(C) 80 (D) 90

54. There are 500 eggs in a box. $\frac{3}{25}$ got broken, $\frac{4}{5}$ of the remaining eggs were sold. The number of eggs left is :

(A) 80 (B) 88
(C) 40 (D) 36

55. 5 minutes past 3, in the afternoon, is written as :

(A) 5 : 30 am (B) 5 : 30 pm
(C) 3 : 50 pm (D) 3 : 05 pm

56. The difference between the greatest and the smallest 5-digit numbers, formed by the digits 0, 3, 6, 7 and 9 without repetition, is :

(A) 93951 (B) 67061
(C) 66951 (D) 60840

57. An article is sold for ₹ 500 and hence a loss is incurred. Had the article been sold for ₹ 700, the shopkeeper would have gained three times the former loss. What is the cost price of the article ?

(A) ₹ 525 (B) ₹ 550
(C) ₹ 600 (D) ₹ 650

58. When -1 is multiplied by itself 100 times, the product is :

(A) 1 (B) -1
(C) 100 (D) -100

59. Simplification of $2.75 - 1.25 + 4.75 - 3.80$ in fractional form is :

(A) $2\frac{9}{20}$ (B) $2\frac{9}{10}$
(C) $1\frac{9}{10}$ (D) $5\frac{9}{20}$

60. The length of a rectangular plot of land is twice its breadth. A square swimming pool of side 8 m, occupies one-eighth part of the plot. The length of the plot is :

(A) 64 m (B) 32 m
(C) 16 m (D) 12 m

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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

Chewing gum was discovered a thousand years ago by the Mayans in the Mexican jungles. They found a liquid leaking from a sapodilla tree. As it oozed out, it thickened into something that they called chicle which was chewable and tasty. Today, workers called chicleros still collect chicle. The chicle is boiled to remove the water. It is then made into slabs about 30 pounds each or 14 kilograms each. These slabs are sent to gum factories. There it is mixed with several ingredients to sweeten, soften, flavour and colour the gum.

61. _____ 'discovered' chewing gum.
- (A) The Mayans
- (B) Sapodillas
- (C) Chicleros
- (D) Gum factories

62. _____ are the workers who collect chicle.
- (A) Sapodillas
- (B) The Mayans
- (C) Chicleros
- (D) Gummers

63. Slabs of chicle are sent to :
- (A) recycling centers.
- (B) gum factories.
- (C) the Mexican jungles.
- (D) candy stores.

64. Several ingredients are added to chicle to do all of the following *except* to _____ it.
- (A) soften
- (B) flavour
- (C) thicken
- (D) sweeten

65. A suitable title for the passage will be :
- (A) The Gum
- (B) Chiclero
- (C) The Story of Chiclero
- (D) The Story of Chewing Gum

Passage - 2

India is a land of pilgrims and pilgrimages. These holy places, whether in the hills or in the plains, are generally situated on river banks or by the sea. It is not only the religious people who visit these places of pilgrimages, but also travellers and sight-seers from all over India and abroad. Wherever two or more rivers meet, pilgrims come to bathe and worship because that place is supposed to be holy. One such place is Haridwar which is situated on the bank of river Ganga.

66. Holy places are visited by religious people, sight-seers as well as _____.
- (A) children
- (B) travellers
- (C) traders
- (D) voyagers

67. Which one of the following is a synonym of the word - 'generally' ?
- (A) usually
- (B) publicly
- (C) occasionally
- (D) eventually

68. The place is considered 'holy' where two or more rivers meet.
Here the antonym of the word 'holy' is :
- (A) godly
- (B) religious
- (C) cursed
- (D) pious

69. People come to bathe and worship in the Ganga as its water is :
- (A) holy
- (B) clear and clean
- (C) cool
- (D) healthy

70. People go on a pilgrimage because they are :
- (A) curious
- (B) religious
- (C) explorers
- (D) old

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Passage - 3

It was Ajit's birthday. All his friends and relatives had gathered. He received many gifts. There were books, toys and clothes. Ajit's aunt gave him a surprise gift - a rose sapling. Ajit liked his aunt's gift the best and at once ran to the garden and planted the sapling. Ajit watered the plant everyday. As soon as he woke up in the morning he would rush to see how much the plant had grown. One day he saw two little rose buds peeping out. He kept watching the buds bloom into beautiful yellow roses. He was happy and thrilled. With his mother's help, he plucked the flowers. He gifted the first two roses to his mother and sister. Ajit decided to plant more saplings in his garden.

71. Ajit's best birthday gift was a :
(A) race car (B) shirt
(C) rose sapling (D) book

72. As soon as Ajit woke up he :
(A) started studying.
(B) rushed to see the sapling.
(C) had a bath.
(D) went to school.

73. How many rose buds appeared first ?
(A) one (B) four
(C) two (D) many

74. Ajit gifted the first two roses to :
(A) his friends.
(B) his aunt.
(C) his mother and sister.
(D) his mother and aunt.

75. The word 'thrilled' means :
(A) sad (B) excited
(C) afraid (D) surprised

Passage - 4

The neem tree is known as a village pharmacy due to the medicinal benefits of its seeds, bark and leaves. It is called *arista* in Sanskrit which means perfect, imperishable and complete. Neem oil plays an important role in pest control and can also be used as a replacement for mosquito repellent. Neem seed cakes are used as fertilizer. A paste of neem leaves is used to treat chickenpox. Neem twigs commonly referred to as 'datun' are used as toothbrushes in villages. The bark and roots are also used, in powdered form, to control fleas and ticks on pets.

76. A pharmacy is :
(A) farm land.
(B) a medical store.
(C) a playground.
(D) a farm house.

77. The part of the neem tree that is useful to the farmers is :
(A) seeds (B) bark
(C) twigs (D) leaves

78. Which one of the following is not a synonym of 'perfect' ?
(A) faultless (B) flawless
(C) seamless (D) blemished

79. The word 'pest' in the passage means :
(A) an insect that destroys crops.
(B) an angry person.
(C) dirty water.
(D) pollution.

80. Neem _____ are used as toothbrushes in villages.
(A) roots (B) leaves
(C) twigs (D) seed cakes

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