

# THE ASSAM VALLEY SCHOOL

ENTRANCE EXAMINATION:

SUBJECT: GENERAL APPLICATION PAPER

FOR ADMISSION TO CLASS - 8

Time : 45 min

M.M.: 25 MARKS

**(TO BE FILLED BY THE CANDIDATE)**

Name .....

Date of birth .....

Studying in class .....

Class in which admission is desired .....

Registration Number .....

Name of Centre .....

Date .....

**(TO BE FILLED IN BY THE EXAMINER)**

MARKS OBTAINED IN PERCENTAGE .....

INITIALS OF THE EXAMINER .....

SIGNATURE OF THE EXAMINER .....

INITIALS OF THE CHAIR .....

SIGNATURE OF THE CHAIR .....

ONE LINE COMMENT .....

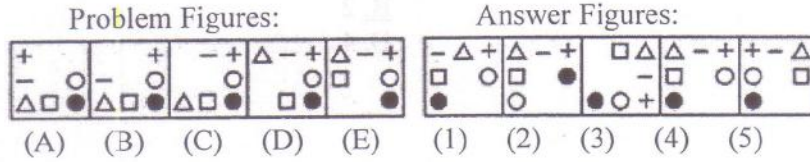
**INSTRUCTIONS:**

- All questions are compulsory. **DO NOT** write anything else on the Test Booklet.
- Answers to this paper must be written on the given test booklet itself.
- The intended marks for each question or part of questions are given in brackets [ ].

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO**

**Question 1.** Each of the following questions consists of five figures marked A, B, C, D and E called the Problem Figures followed by five other figures marked 1, 2, 3, 4 and 5 called the Answer Figures. [1x2]

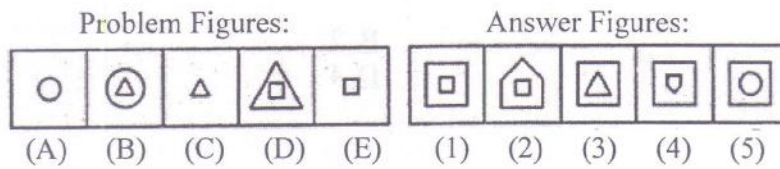
(i) Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.



- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

**Answer:**

(ii) Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

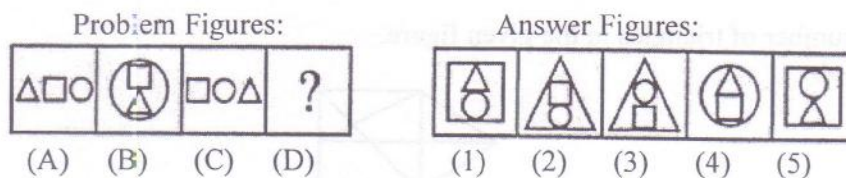


- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

**Answer:**

**Question 2.** Each of the following questions consists of two sets of figures. Figures A, B, C and D constitute the Problem Set while figures 1, 2, 3, 4 and 5 constitute the Answer Set. There is a definite relationship between figures A and B. Establish a similar relationship between figures C and D by selecting a suitable figure from the Answer Set that would replace the question mark (?) in fig. (D). [1x2]

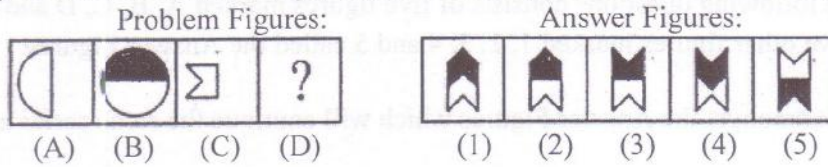
(i) Select a suitable figure from the Answer Figures that would replace the question mark (?).



- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

**Answer:**

(ii) Select a suitable figure from the Answer Figures that would replace the question mark (?).



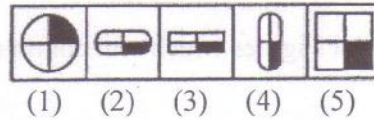
- A. 1
- C. 3
- E. 5

- B. 2
- D. 4

Answer:

**Question 3.** In each problem, out of the five figures marked (1), (2), (3), (4) and (5), four are similar in a certain manner. However, one figure is not like the other four. [1x2]

(i) Choose the figure which is different from the rest.

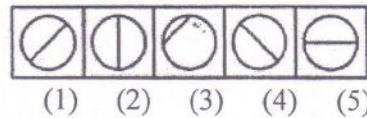


- A. 1
- C. 3
- E. 5

- B. 2
- D. 4

Answer:

(ii) Choose the figure which is different from the rest.

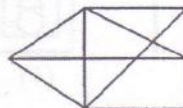


- A. 1
- C. 3
- E. 5

- B. 2
- D. 4

Answer:

**Question 4.** Find the number of triangles in the given figure. [2]



- A. 12
- C. 14

- B. 13
- D. 15

Answer:



**Question 5.** Find the number of triangles in the given figure.

[1]



- A. 5
- C. 8

- B. 6
- D. 10

**Answer:**

**Question 6.** In each of the following questions you are given a combination of alphabets and/or numbers followed by four alternatives (1), (2), (3) and (4). [1x2]

(i) Choose the alternative which closely resembles the mirror image of the given combination.

FIXING

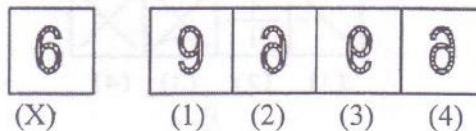
- (1) GNIXIF      (2) FIXIIG
- (3) GNIXIF      (4) GNIXIF

- A. 1
- C. 3

- B. 2
- D. 4

**Answer:**

(ii) Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



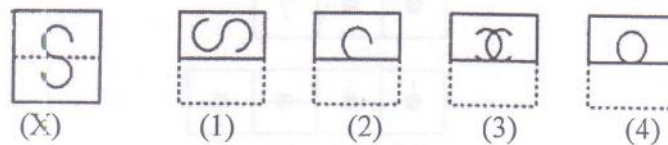
- A. 1
- C. 3

- B. 2
- D. 4

**Answer:**

**Question 7.** In each of the following problems, a square transparent sheet (X) with a pattern is given.

(i) Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line. [1x2]

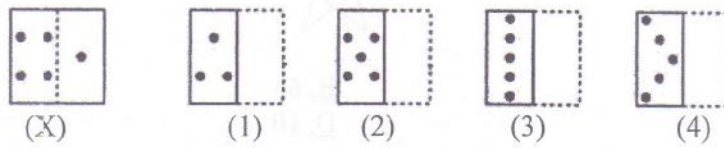


- A. 1
- C. 3

- B. 2
- D. 4

**Answer:**

(ii) Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



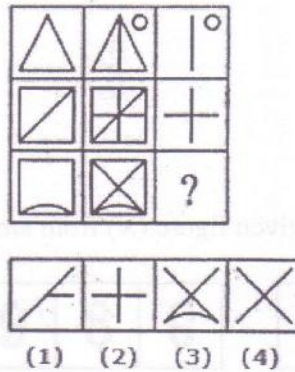
- A. 1
- C. 3

- B. 2
- D. 4

Answer:

**Question 8.** In each of the following questions find out which of the answer figures (1), (2), (3) and (4) completes the figure matrix?

(i) Select a suitable figure from the four alternatives that would complete the figure matrix. [1x2]

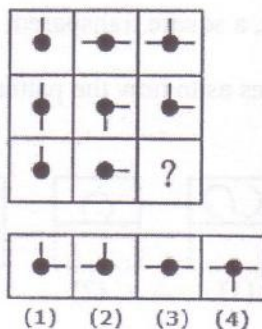


- A. 1
- C. 3

- B. 2
- D. 4

Answer:

(ii) Select a suitable figure from the four alternatives that would complete the figure matrix.



- A. 1
- C. 3

- B. 2
- D. 4

Answer:

**Question9.**Mr Big man, the boss went to the restaurant and ordered his lunch, complete with soup and dessert. Lunch was cost Rs 200. When the lunch was placed on the table, Mr. Smarty walked over and covered it with a vessel. "Boss, I bet you Rs. 20 so that I can eat your lunch without touching this vessel, the table or the plate it is on. In fact, I won't touch anything in the room nor will anyone else help me out in any way. Do we have a bet?"

"I take the bet!" replied the boss quickly. Did Mr. Smarty win his bet? How?

[3]

**Answer.**

**Question10.**You has not done your homework. What explanations can you offer to your teacher?

[3]

**Answer.**

**Question11.**You cannot go to sleep because of the noise of a dropping tap in the bathroom. No matter how tightly you close it, it doesn't stop. Think logically, creatively and coming up with two or more solutions. ! How will you solve the problem?

[3]

**Answer.**