

THE ASSAM VALLEY SCHOOL

ENTRANCE EXAMINATION: ~~2022~~

SUBJECT: GENERAL APPLICATION PAPER

FOR ADMISSION TO CLASS - 9

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

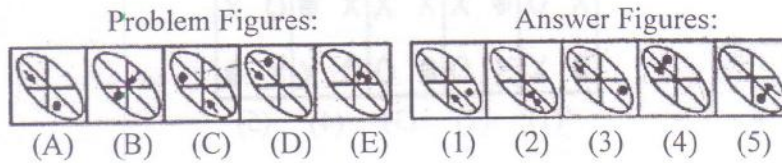
INSTRUCTIONS:

- 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.

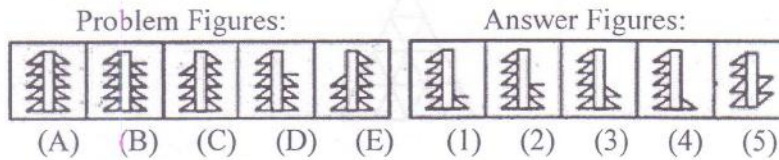


- A. 1
- C. 3
- E. 5

- B. 2
- D. 4

Answer:

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



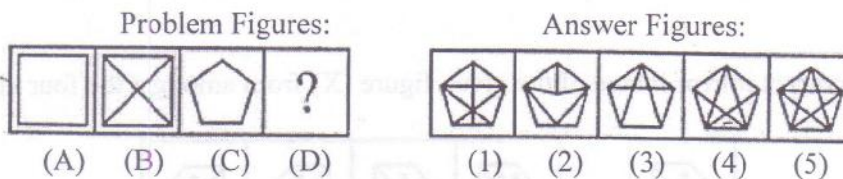
- A. 1
- C. 3
- E. 5

- B. 2
- D. 4

Answer:

Question 2. The following question 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). [1]

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



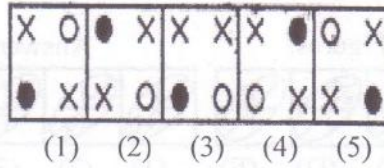
- A. 1
- C. 3
- E. 5

- 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. [1]

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

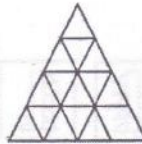


- A. 1
- C. 3
- E. 5

- B. 2
- D. 4

Answer

Question 4. Find the minimum number of straight lines required to make the given figure. [2]

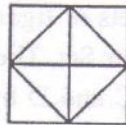


- A. 9
- C. 15

- B. 11
- D. 16

Answer:

Question 5. Find the number of triangles in the given figure. [2]

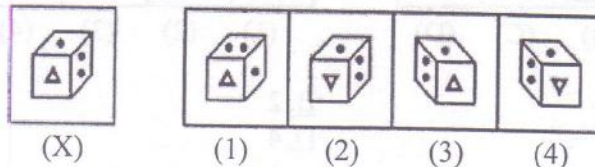


- A. 8
- C. 12

- B. 10
- D. 14

Answer:

Question 6. Choose the correct mirror image of the given figure (X) from amongst the four alternatives. [1]



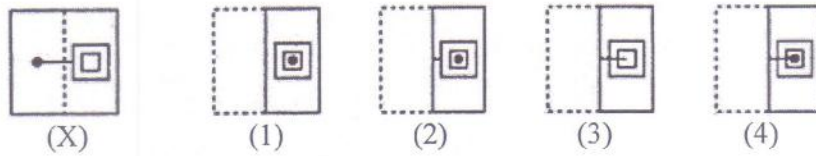
- A. 1
- C. 3

- B. 2
- D. 4

Answer:

Question 7. In each of the following problems, a square transparent sheet (X) with a pattern is given. [1]

(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.



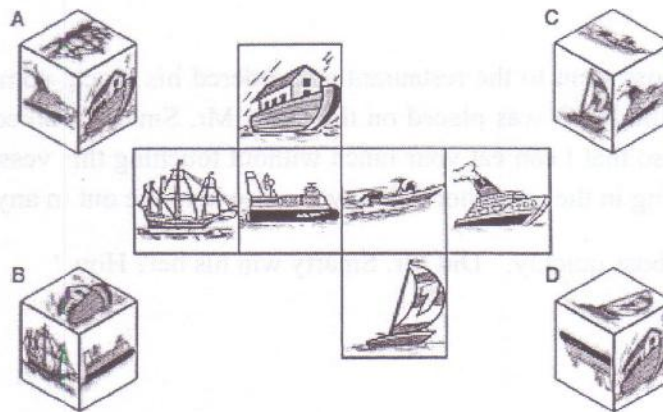
- A. 1
- C. 3

- B. 2
- D. 4

Answer:

Question 8. Which picture cube does this shape make? [2]

Which picture cube does this shape make?



Answer:

Question 9. Each problem consists of three statements. Based on the first two statements, the third statement may be true, false, or uncertain. [1x3]

- (i) A fruit basket contains more apples than lemons.
 There are more lemons in the basket than there are oranges.
 The basket contains more apples than oranges.
 If the first two statements are true, the third statement is

- A. true
- B. false
- C. uncertain

Answer:

- (ii) Joe is younger than Kathy.
Mark was born after Joe.
Kathy is older than Mark.

If the first two statements are true, the third statement is

- A. true
B. false
C. uncertain

Answer:

- (iii) The temperature on Monday was lower than on Tuesday.
The temperature on Wednesday was lower than on Tuesday.
The temperature on Monday was higher than on Wednesday
If the first two statements are true, the third statement is

- A. true
B. false
C. uncertain

Answer:

Question 10. 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'll take the bet!" replied the boss quickly. Did Mr. Smarty win his bet? How?

[3]

Answer.

Question11.You hasn't done your homework. What explanations can you offer to your teacher?

[3]

Answer.

Question12.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.