# Nature of the test

This is a non – verbal test. Questions are based on figures and diagrams only. Questions are meant to assess general mental ability/functioning of the candidates. The section is divided into ten parts having 4 questions each. Given below are some examples:
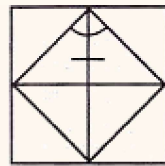
PART-I (ODD-MAN OUT)

Directions: In questions 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.
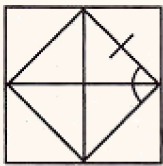
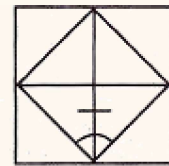(A)   (B)   (C)   (D)
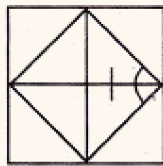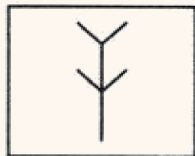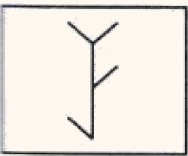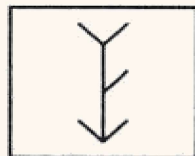
Correct answer is (A)
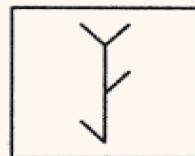
PART- II (FIGURE MATCHING)

Directions:

In questions 5 to 8, a problem 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 problem figure.

(A)   (B)   (C)   (D)
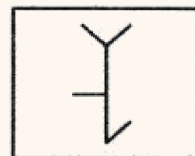
Correct answer is (C)

Directions:

In questions 9 to 12 there is a problem figure on the left-hand side, a part of which is missing. Observe the answer figures A, B, C and D on the right-hand side and find out the answer figure which without changing the direction, fits in the missing part of the problem figure in order to complete the pattern in the problem figure.
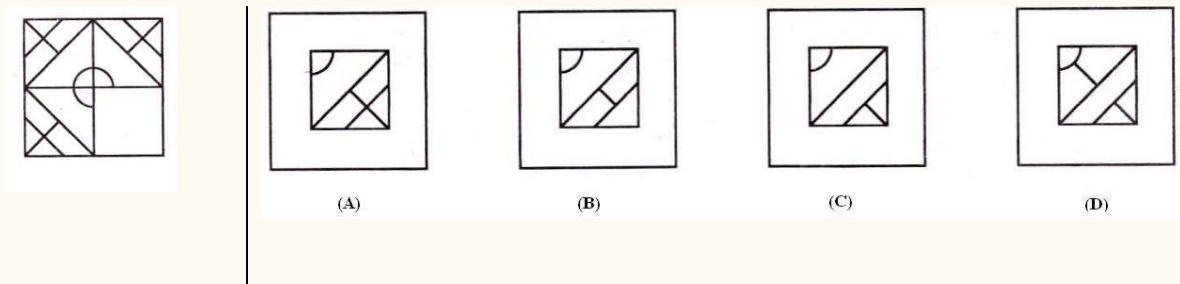
Correct answer is (A)

Directions:

In questions 13 to 16, there are three problem figures on the left-hand side and the space for the fourth figure is left blank. The problem figures are in a series. Find out one figure among the answer figures given on the right-hand side, which occupies the blank space for the fourth figure on the left-hand side and completes the series.
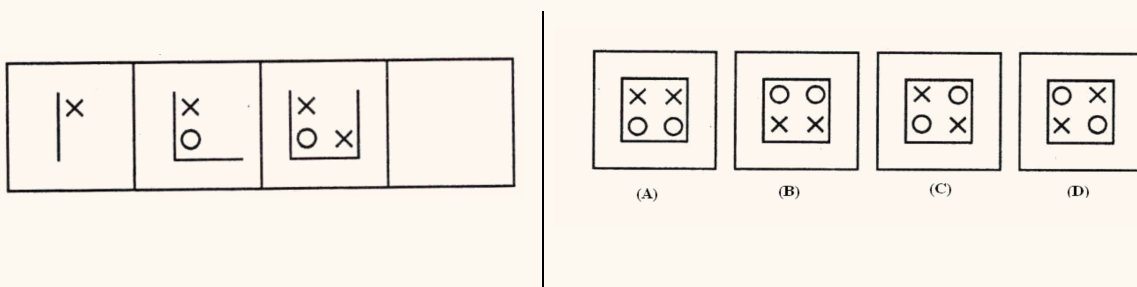
Correct answer is (C)

Directions:

In questions 17 to 20, there are two sets of two problem figures each. The second set has a mark of interrogation (?). There exists a relationship between the first two problem figures. Similar relationship should exist between the third and fourth problem figure. Select one of the answer figures which replaces the mark of interrogation.
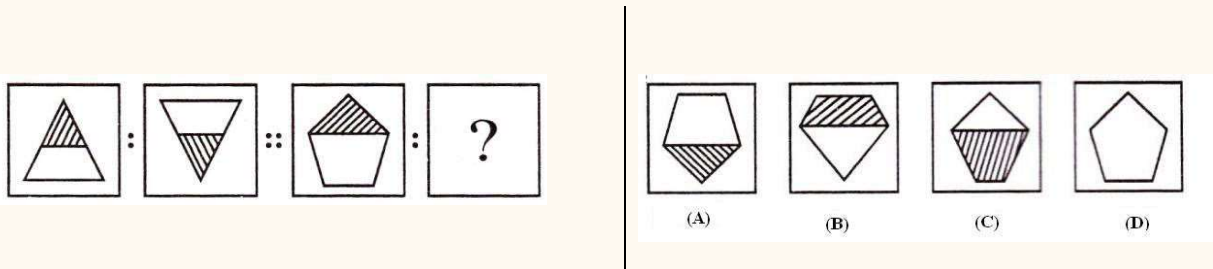
Correct answer is (A)

PART - VI [Geometrical Figure Completion (Triangle, Square, Circle)]

Directions:

In questions 21 to 24 one part of a geometrical figure is on the left-hand side as question figure and the other one is among the four answer figures A, B, C and D given on the right-hand side. Find out the figure that completes the geometrical figure.
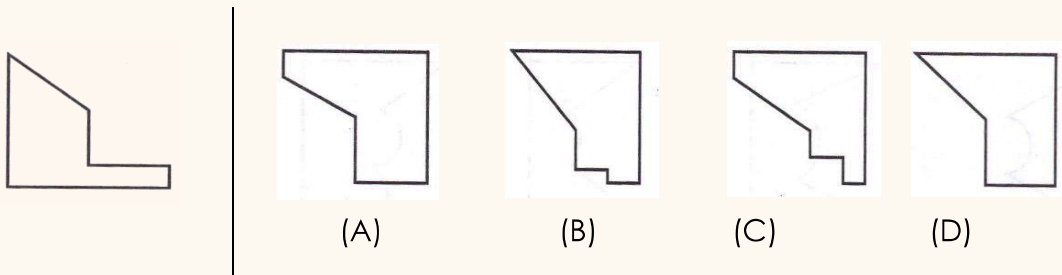
Correct answer is (A)

Directions:

In questions 25 to 28 there is a problem 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 problem figure when the mirror is held at X Y.
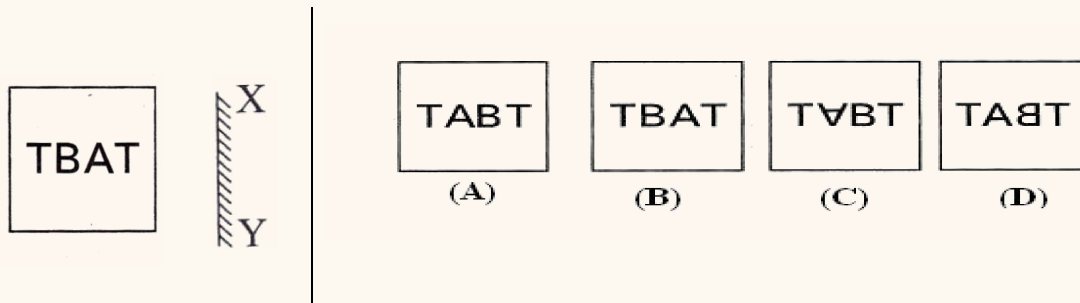

(A)   (B)   (C)   (D)

Correct answer is (D)

Directions:

In question 29 to 32 a piece of paper is folded and punched as shown in problem 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).

(A)   (B)   (C)   (D)
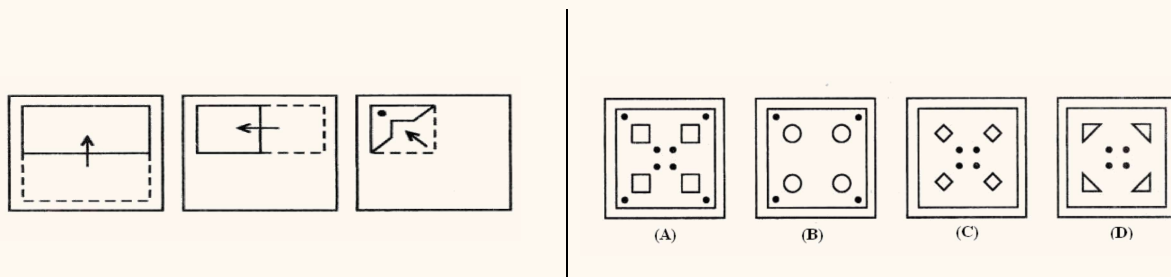
Correct answer is (A)

Directions:

In questions 33 to 36 a problem 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-off pieces given in the problem figure.

(A) (B) (C) (D)
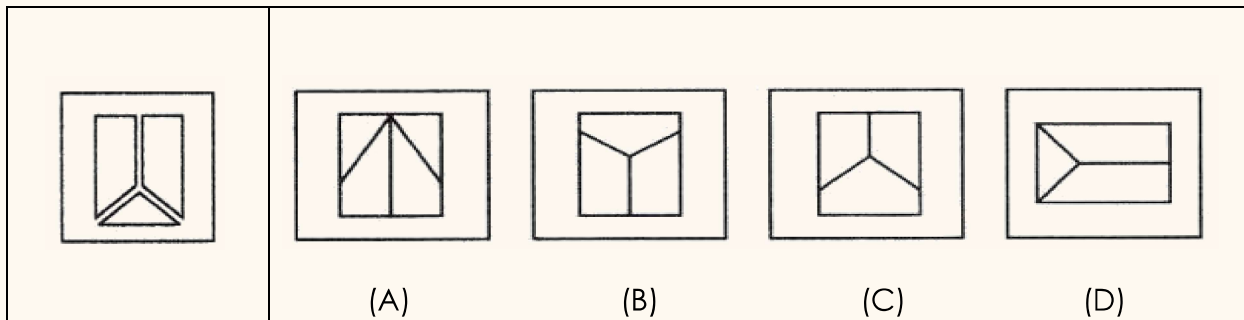
Correct answer is (D)

Directions:

In questions 37 to 40 a problem 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 problem figure is hidden/ embedded.

(A) (B) (C) (D)
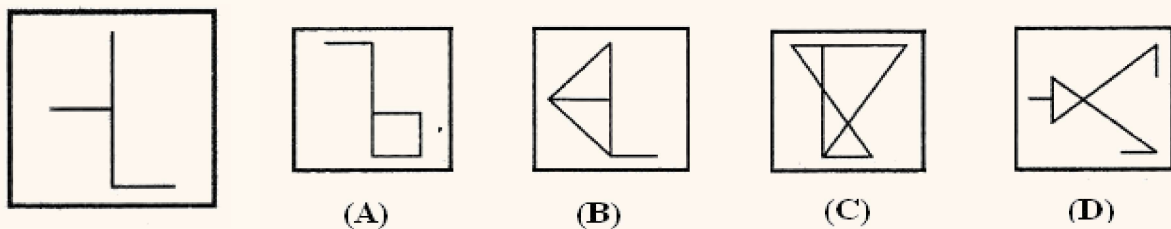
Correct answer is (B)

Section 2: Arithmetic Test

The main purpose of this test is to measure candidate's basic competencies in Arithmetic. All the Twenty questions of this test will be based on the following 12 topics

1. Number and numeric system
2. Four fundamental operations on whole number
3. Factors and multiples including their properties
4. Decimals and fundamental operations on them
5. Conversion of fractions to decimals and vice-versa
6. Measurement of length, mass, capacity, time, money etc.
7. Simplification of Numerical Expressions
8. Fractional numbers - addition and subtraction of like fraction and multiplication (unlike fraction and division of fractional numbers not included)
9. Profit and loss without calculation of percentage (calculation of percentage of profit and loss is exempted from the topic)
10. Perimeter and area – perimeter of polygon, area of square rectangle and triangle (as a part of rectangle)
11. Types of angle and its simple applications
12. Data analysis using bar diagram, graph and line chart.

Note: - Emphasis will be more on testing of understanding and application of the concepts and skills involved. In order to provide some guidance to the candidates on the types of questions that are expected in Arithmetic Test, a few examples are given below-

Example - 1 (Test of Understanding):

What is the prime factorization of 1000?

A.	10x10x10	C.	2 x 2 x 2 x5 x 5
B.	2x5x5x10	D.	2 x 2x 2 x 5 x5 x 5

A factorization of a number is said to be a prime factorization if (i) the product of the factors (taking a factor as many times as it occurs) is equal to the given number, and (ii) each factor is a prime number. Here only option D satisfies both the requirements. As such, **option D is the correct answer**.

Example 2 (Test of Understanding):

What is the average *of* first four odd numbers?

        A.   5   B.   4   C.   5   D. 16

The first four odd numbers are 1, 3, 5 and 7. Their average is (I+3+5+7)/4. As such, **option B is the correct answer**.

Section 3: Language Test.

The main purpose of this test is to assess reading comprehension of the candidates. The test consists of four passages. Each passage is followed by 5 questions. Candidates shall read each passage carefully and answer the questions that follow.
Given below is a specimen passage and the questions follow the passage.

PASSAGE

Forests are useful to us in many ways. They provide us with timber to build houses and make furniture. Forests also provide us with wood for fuel and making paper. They provide shelter for birds, wild animals and insects. Forests bring rainfall. Existence of forests is very important for the preservation of the ecosystem. The fact that we have to care for an ecosystem is indisputably established. Wise use of the environment and its resources are essential for man's continued survival.

1. To preserve the ecosystem, existence of...............is essential.

    A.   forests   B. human beings

    C.   animals   D. resources

Correct answer is A

2. Opposite of preservation' is...............

    A. conservation   B. Shelter

    C. construction   D. Destruction

Correct answer is D

3. Which one of the following is not a synonym of 'wise'?

    A. Sensible   C. Humorous

    B. Intelligent

                                 D. Judicious

Correct answer is C

4. **Carpenters depend on forests because they provide...............**

    A. wood for fuel   C. timber to make furniture

    B. wood for making paper   D. houses for animals

Correct answer is C

5. **Wild animals will become homeless if...............**

    A. paper mills are destroyed   C. forests are destroyed

    B. houses are built   D. ecosystem is taken

Correct answer is C

SOME IMPORTANT GUIDELINES FOR UPLOADING THE ONLINE APPLICATION FORM

The online application form for admission to Class VI in Jawahar Navodaya Vidyalaya is self-explanatory. However, following guidelines may be specifically kept in view by the students and their parents.

1. Only bonafide resident candidates of the district where the JNV is located are permitted to appear for JNVST in the District where he/she is studying in class V. Residence certificate of the parent of the same District as notified by Government of India where the candidate has studied class V and appeared for JNVST is to be submitted by the provisionally selected candidate at the time of document verification.

2. **Please read the Prospectus carefully**. Fill the complete information after ensuring that the candidate fulfills all the prescribed requirements such as date of birth within specified range **(01.05.2013 to 31.07.2015),** schooling in classes III, IV & V in recognized institution(s). (Govt. / Govt. Aided / Recognized / NIOS etc.).

3. Carefully fill the certificate to be uploaded along with the application form with regard to category i.e. General, SC, ST, OBC & Divyang, Boy/Girl and Rural/Urban. If it is found at the time of admission that a candidate has opted a category to which he/she does not actually belong, his/her selection will be cancelled. The signature & seal of Head Master is mandatory on the certificate to be uploaded in the registration portal.

4. (a) Mention the date of birth in figures as well as in words. Write correct Date of Birth as per birth certificate & school records. In case, if it is observed at a later stage that the Date of Birth of the candidate does not match with the school records& birth certificate, his/her candidature is liable to be rejected. **NVS has the right to validate the information submitted using Aadhaar number from the Government portal.**

    (b) Permanent identification marks which can be identified clearly shall be mentioned in the Application Form by the candidate.

5. Signature of both, the candidate and the parent / guardian should be uploaded while applying for the Jawahar Navodaya Vidyalaya Selection Test.

6. The last date to submit online application for test is **16th September, 2024.**

CAUTION: Application form is liable for rejection, if columns are left blank or the entries are incomplete. Applicants should ensure that they fulfill all the prescribed requirements of education, age, categories (SC/ST/OBC/Divyang) and area (Urban/Rural) wherever applicable. If any information filled in the online application form is found to be false/ incorrect/mismatched on subsequent verification, even after the provisional selection of the candidate, the admission is liable to be cancelled and the decision of Navodaya Vidyalaya Samiti will be final and binding. No correspondence shall be entertained in this regard. Such admissions, if any, obtained by any candidate on the basis of false certificate / declaration / information shall not only be cancelled but Samiti also reserves the right to recover the expenditure incurred on a student during his/her entire stay in a Vidyalaya.