

EXAMINATION PROCEDURE & SYLLABUS FOR DAV ADMISSION TEST
BATCH – XI SCIENCE, FOCUS-40

EXAMINATION PATTERN

Time – 3 Hrs

Timing – 2.00 p.m. to 5 p.m.

NO. OF QUESTIONS (100)

Each correct answer carries 4 marks and incorrect answer carries (-1) mark

Types of Examination is MCQ with 1 correct option

| | |
|-----------------|----|
| Mental Ability | 20 |
| Mathematics | 40 |
| General Science | 40 |

SYLLABUS FOR ENTRANCE EXAM – 2025

MENTAL ABILITY

- a) Reasoning
- b) Coding: Decoding, Classification, Analogy, Alphabet test, Series, Arithmetical same and opposite
- c) Series, Analogy, Classification, Odd one out

PHYSICS

- a) Light: Reflection, Refraction and Human Eye.
- b) Electricity.
- c) Magnetic effects of Electric Current.
- d) Heating effects of Electric Current.
- e) Laws of motion
- f) Work power energy

CHEMISTRY

- a) Chemical Reactions and Equations.
- b) Acids, Bases and Salts.
- c) Metals and Non-metals.
- d) Carbon and its Compounds.
- e) Periodic Classification of Elements.
- f) Structure of atom

MATHEMATICS

- a) Coordinate Geometry.
- b) Linear Equations in two variables.
- c) Quadratic Equation.
- d) Arithmetic Progression.
- e) Circles.
- f) Volume and Surface Area.
- g) Trigonometry & its application.
- h) Statistics.
- i) Probability.
- j) Triangles.

BIOLOGY

- a) Life Processes.
- b) Control and Coordination.
- c) How do Organism Reproduce.
- d) Heredity and Evolution.
- e) Our Environment.
- f) Fundamental unit of life
- g) Tissue

EXAMINATION PROCEDURE & SYLLABUS FOR DAV ADMISSION TEST
CLASS – XI COMMERCE

EXAMINATION PATTERN

Time – 3 Hours

Timing : 2.00 p.m. to 5.00 p.m.

1. The objective patterned examination with 100 Multiple Choice Questions.
2. Each correct response will be credited with 4 marks while 1 mark will be deducted for every incorrect response.
3. The categories of Questions are as follows :

| Sl. No. | Subject | No. of Questions |
|---------|-----------------|------------------|
| 1 | Mental Ability | 20 |
| 2 | Mathematics | 40 |
| 3 | Social Science | 20 |
| 4 | General English | 20 |

MENTAL ABILITY

- a) Reasoning
- b) Coding: Decoding, Classification, Analogy, Alphabet test, Series, Arithmetical same and opposite
- c) Series, Analogy, Classification, Odd one out

MATHEMATICS

- a) Coordinate Geometry.
- b) Linear Equations in two variables.
- c) Quadratic Equation.
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- e) Circles.
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- h) Statistics.
- i) Probability.
- j) Triangles.

SOCIAL SCIENCE

- a) Development
- b) Globalisation
- c) Sectors of Indian Economy
- d) Money and Credit

GENERAL ENGLISH

Unseen Passage, Grammar, Synonyms & Antonyms, one word substitute, idioms, fill in the blanks.