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.
d) Arithmetic Progression.
e) Circles.
f) Volume and Surface Area.
g) Trigonometry & its application.
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.