DAV PUBLIC SCHOOL, CDA KATAKA
(DAV APTTITUDE TEST) DAT- CDA 2027 (20.12.2026)
CLASS – XI
SYLLABUS

FOR GROUP I TO III (SCIENCE STREAM)

PHYSICS

1. Motion
2. Force and Laws of Motion
3. Current Electricity
4. Magnetic Effect of Current
5. Light: Reflection, Refraction and Human Eye

CHEMISTRY

1. Structure of Atom
2. Chemical Reactions and Equations
3. Acids, Bases and Salts
4. Metals and Non-metals
5. Carbon and its Compounds
6. Atoms and Molecules

BIOLOGY

1. Fundamental Unit of Life
2. Life Processes
3. Control and Coordination
4. How do Organisms Reproduce?
5. Heredity and Evolution
6. Diversity in Living Organisms
7. Our Environment

MATHEMATICS

1. Quadratic Equation
2. Trigonometry including Height & Distance
3. Probability
4. Coordinate Geometry
5. Mensuration (Volume and Surface Area)
6. Algebra (Polynomial & Number System)
7. Geometry (Triangles, Quadrilaterals, Circles)

FOR GROUP IV (COMMERCE STREAM)

1. SOCIAL SCIENCE (As per CLASS IX & X SYLLABUS)
2. ENGLISH (As per CLASS IX & X SYLLABUS)
3. GENERAL AWARENESS

FOR GROUP V (HUMANITIES STREAM)

1. SOCIAL SCIENCE (As per CLASS IX & X SYLLABUS)
2. ENGLISH (As per CLASS IX & X SYLLABUS)

Sd/-
Admission Committee
DAV CDA, Kataka