

NJV 9th Hostel Entry Test Pattern and Syllabus

Paper Pattern

English – 30 Marks

Science – 30 Marks

Mathematics – 30 Marks

IQ Questions – 10 Marks

Syllabus

English – 30 Marks

Unseen Passage with Question Answer

Grammar (Part of Speech, Tenses, Articles, Active and Passive Voice, Narrations, Punctuations)

Essay/Paragraph Writing

Science – 30 Marks

Human organ system

Forces and pressure

Heredity

Measurement and Physical Quantities

Biotechnology

Heat Energy

Pollution

Lenses

Chemical Reactions

Electricity

Acids, Bases and Salts

Exploring Space

Mathematics – 30 Marks

Operation on Sets

Polynomials

Areas and Volumes

Real Numbers

Factorization

Demonstrative Geometry

Number Systems

Fundamental of Geometry

Trigonometry

Financial Arithmetic

Practical Geometry

Information handling

IQ Questions – 10 Marks

Word problems, Pictures, Graphs, Reasoning