

NJV 8th 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

Physical and chemical change

Transport system in Human and plants

Transmission of Heat

Reproduction in plants

Dispersion of light

Environment and Feeding Relationship

Sound waves

Water

Circuits and electric current

Structure of an atom

Investigating the space

Mathematics – 30 Marks

Sets and Information handling

Financial arithmetic

Rational numbers

Algebraic expressions

Decimals

Linear equations

Exponents

Fundamentals of geometry

Square root of positive numbers

Practical geometry

Direct and inverse variation

Circumference, area and volume

IQ Questions – 10 Marks

Word problems, Pictures, Graphs, Reasoning