#### **ENTRANCE EXAMINATION:**

The syllabus for entrance examination will be based on the SEE and SLC (Grade XII) level courses. Multiple-choice questions will be asked based on the following marks distribution.

Categories	SEE and Grade II courses	Remarks
Mathematics	20%	Entrance
English	20%	Entrance
IQ (Games and Sports)	30%	Entrance
Health and Physical	30%	Entrance

The syllabus for entrance exam is as follows:

#### **Mathematics**

Sets, arithmetic (time and work, profit and loss, compound interest), mensuration (area of triangle, triangular prism, cylinder, sphere and hemisphere, cone, pyramid), geometry (triangle, construction, circle, experimental verification of theorems), trigonometry, statistics, and probability.

### **English**

Grammar (part of speech, articles, transformation, question tags, suffix and prefix, conditionals, prepositions, reported speech, causative verb, relative clause, word stress rule and syllables, subject-verb agreement, active and passive voice, direct and indirect speech, collective noun), writing (essay, story, email, and letter), narration (sequence of events, describe tables, graphs, and charts), article reading (read, analyze, interpret, evaluate and summarize information), and structure and organization of the text.

# **IQ** (Games and Sports)

Common rules of common games, governing bodies, full form of the organizations related to the sports, records and history, and recent news

# **IQ** (Health and Physical)

Basics of Human Health and Physical Education, EPH (Environment, Population and Health)

## **MERIT LIST:**

Merit list will be formulated based on entrance exam score (90%) as well as SEE (5%) and SLC/(Grade XII) scores (5%). Admission will be only on merit base.