

Lumbini Technological University
Institute of Engineering & Information Technology
4 Years B.Tech. in Information Technology (B.Tech in IT)
Entrance Examination
Syllabus

Marking Schema of B.Tech in IT Entrance Exam.

S.N	Subject	Marks	No of Questions
1	Mathematics	40	40
2	English	20	20
3	Information Technology	20	20
4	IQ	20	20

The full marks of Entrance exam is 100 and each question have weightage of 1 mark and exam will complete in 2 hours.

Mathematics

Sets, arithmetic (time and work, profit and loss, compound interest, population growth and compound depreciation), mensuration (area of triangle, triangular prism, cylinder, sphere and hemisphere, cone, pyramid), algebra, 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.

Information Technology

IT and its applications, cyber law and computer ethics, networking and telecommunication, internet and its services, computer security, computer virus, multimedia and its applications, computer number system, and developments of information technology in Nepal, artificial intelligence (AI), machine learning, smart city, etc

IQ

Figure relations, Number series, Operations, Number – Figure relations, Tables, Numbers, Graphs, Perimeter of figures, Area of figures, coding-decoding, Logical reasoning, construction of squares and triangles.