ENTRANCE EXAMINATION guidelines for
Bachelor's in Information Technology (BIT) course

Admission of Bachelor's in Information Technology (BIT) course will be on the merit, based on the entrance examination conducted by the university. The total weight (merit ranking) of entrance exam procedure will be based on questions and score from SEE, plus two (10+2) level courses, grade, and entrance exam.

The entrance syllabus will be based on the SEE and Intermediate level courses. Multiple-choice questions (MCQs) will be asked based on the following marks distribution.

Categories	SEE course	Ten plus two courses	Remarks
Mathematics	25%	-	Entrance Exam
English	-	25%	Entrance Exam
Science	-	30%	Entrance Exam
IQ on Basics of Information Technology and GK	20%		Entrance Exam
Overall Percentage/Grade	5%	5%	Previous academic records
Exam duration	-	-	75 minutes
Exam Full marks	-	-	100 marks

Multiple-choice questions will be asked based on the syllabus for entrance exam as follows:

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, etc.

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, etc.

Science

Science courses (physics, chemistry, and biology) of 10+2 based on HSEB syllabus and detail curriculum of Nepal. Physics (force, pressure, energy, heat, light, electricity and magnetism), Chemistry (elements, reactions and equations, acid, base, salt, gases, metals, carbons, carbon compounds), Biology (human body and systems, reproduction, genetics and chromosome system, circulation system, animal kingdom and classes), Environment (climate change, environment pollution, global warming), Astronomy and Geology (universe, solar system, planets, earth, atmosphere, GPS, satellite, stars, galaxies, and the universe inner space, earthquake, volcano), etc.

IQ on Basics of Information Technology and GK

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, developments of information technology in Nepal, artificial intelligence (AI), machine learning, smart city, etc.

Merit list and admission criteria: 40% and above score of entrance examination is the 'pass' score. Merit list will be formulated based on entrance exam score (90%) as well as SEE (5%) and 10+2 (5%) scores. Admission will be on merit base.

For further details, visit www.gandakiuniversity.edu.np or email at
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