

IPU CET SYLLABUS 2027

Programme-wise subjects, test sections and key topics

Guru Gobind Singh Indraprastha University (GGSIPU) has programme-specific entrance test requirements. The subjects and weightage depend on the course and CET code; some programmes use national-level tests or CUET instead of a university CET paper.

This PDF is a preparation reference for commonly searched undergraduate programmes. Use the exact programme entry in the official admission brochure to confirm the applicable test, subject mix and admission route.

Includes BCA, BBA, B.Com. (Hons.), B.Ed., BA (JMC), BHMCT, B.Sc. (Yoga) and selected health-science programmes.

1. IPU CET Syllabus 2027: At a Glance

IPU CET does not have a single syllabus for all courses. First identify the programme and CET code, then prepare the relevant sections. Weightages below are the subject distribution published in the university's programme admission information; topic examples are provided to help structure revision.

Programme / CET code	Test sections and weightage
BCA — Code 114	English Language & Comprehension (15%); Mathematics (30%); Computer Awareness (30%); General Knowledge — IT and Science Related (25%).
BBA — Code 125	English Language & Comprehension (25%); General Awareness (25%); Logical and Analytical Ability (25%); Management Aptitude and Communication Skills (25%).
B.Com. (Hons.) — Code 146	General English (25%); Logical Reasoning (25%); Data Interpretation (35%); General Awareness (15%).
B.Ed. — Code 122	Language Proficiency (25%); Mental Ability and Reasoning (25%); General Awareness (25%); Aptitude for Teaching (25%).
BA (JMC) — Code 126	English Language & Comprehension (25%); General Awareness (25%); Reasoning (25%); Media Aptitude (25%).
BHMCT — Code 127	English Language & Comprehension (25%); General Awareness (20%); Logical and Analytical Ability including Computer Awareness (30%); Knowledge of Accounts / Commerce & Science (20%).
B.Sc. (Yoga) — Code 117	Physics (30 questions); Chemistry (30); Biology or Biotechnology (30); Mathematics (30); General Awareness (15); English Language & Comprehension (15).
B.Sc. (Hons.) Nursing — Code 115	Physics (20%); Chemistry (20%); Biology (40%); English Language & Comprehension (10%); General Awareness about health-related matters (10%). NEET-based admission is prioritised as notified.

Important: Some programmes may have more than one admission route or a different priority order. Confirm the latest programme-specific instructions before relying on a CET paper.

2. Subject-wise Topic Guide

BCA — Bachelor of Computer Applications

English: Reading comprehension, grammar, vocabulary, sentence correction and usage.

Mathematics: Sets, relations and functions, algebra, equations, sequences and series, permutations and combinations, probability, coordinate geometry, trigonometry and introductory calculus as applicable to the prescribed level.

Computer Awareness: Computer fundamentals, hardware and software, memory, operating systems, number systems, internet, networking, databases and common applications.

IT and Science General Knowledge: Basic science facts, digital technology, computer terminology and major developments in information technology.

BBA — Bachelor of Business Administration

English: Comprehension, vocabulary, grammar, synonyms and antonyms, sentence correction and para jumbles.

General Awareness: Current affairs, history, geography, polity, economy, science, sports, awards, books and important national/international events.

Logical and Analytical Ability: Series, analogies, coding-decoding, directions, blood relations, syllogisms, arrangements, statements and conclusions, and numerical reasoning.

Management Aptitude and Communication: Business awareness, basic management concepts, decision-making, interpersonal communication and workplace situations.

2. Subject-wise Topic Guide (Continued)

B.Com. (Hons.)

General English: Grammar, vocabulary, reading comprehension and sentence structure.

Logical Reasoning: Series, analogy, classification, coding-decoding, arrangements, syllogisms and logical deductions.

Data Interpretation: Tables, bar graphs, line graphs, pie charts, percentages, ratios, averages and comparisons of numerical data.

General Awareness: Current affairs, business and economic news, Indian polity, history, geography, science and general knowledge.

B.Ed. — Bachelor of Education

Language Proficiency: Reading comprehension, grammar, vocabulary, sentence correction and language usage.

Mental Ability and Reasoning: Analogies, classification, series, relationships, logical problems, basic quantitative reasoning and data interpretation.

General Awareness: Current affairs, education-related developments, society, history, geography, polity and science.

Aptitude for Teaching: Teaching-learning processes, learner needs, classroom communication, inclusive education, educational values and classroom situations.

BA (JMC) — Journalism and Mass Communication

English: Comprehension, grammar, vocabulary and sentence correction.

General Awareness: Current affairs, public affairs, culture, politics, sports, awards and major media-related developments.

Reasoning: Series, analogies, classification, coding-decoding, arrangements and logical deductions.

Media Aptitude: Awareness of print, broadcast and digital media; communication concepts; advertising, journalism and public relations basics; media ethics and observation of current events.

BHMCT — Hotel Management and Catering Technology

English: Grammar, vocabulary, comprehension and sentence correction.

General Awareness: Current affairs, tourism, hospitality, culture, geography and important events.

Logical / Analytical Ability and Computer Awareness: Series, analogy, classification, coding-decoding, arrangements, data interpretation and computer fundamentals.

Accounts, Commerce and Science: Basic accounting concepts, business fundamentals and foundational science knowledge.

3. Other Programme Topic Areas

B.Sc. (Yoga)

Physics: Mechanics, heat, waves, electricity, magnetism, optics and modern physics at the prescribed school level.

Chemistry: Atomic structure, chemical bonding, states of matter, solutions, chemical equilibrium, basic organic chemistry and common reactions.

Biology / Biotechnology: Cell biology, genetics, human physiology, plant and animal biology, ecology and basic biotechnology concepts.

Mathematics: Algebra, trigonometry, coordinate geometry, calculus, probability and statistics.

English and General Awareness: Comprehension, grammar, current affairs and general knowledge.

B.Sc. (Hons.) Nursing

Physics: Motion, work and energy, electricity, optics, waves and related school-level concepts.

Chemistry: Atomic structure, bonding, chemical equilibrium, solutions, organic chemistry and everyday chemistry.

Biology: Cell structure, genetics, human physiology, reproduction, ecology, evolution and biotechnology fundamentals.

English: Comprehension and language usage.

Health-related General Awareness: Public health, nutrition, hygiene, health programmes and major health developments.

4. Preparation Strategy

Step	Action
1. Confirm the course	Find your programme name and CET code in the admission brochure.
2. Make a syllabus checklist	List each section and divide topics into strong, moderate and weak areas.
3. Build fundamentals	Revise relevant school-level concepts and learn definitions, formulas and core terminology.
4. Practise MCQs	Solve topic-wise questions and timed practice sets for each section.
5. Take mock tests	Use practice papers aligned with the relevant course and test structure.
6. Review errors	Record mistakes, revise weak concepts and repeat questions you answered incorrectly.
7. Track official updates	Check the university admission website for notices, syllabus clarifications and route changes.

5. Official References

GGSIU Admissions — official admission page:

<https://www.ipu.ac.in/adm2026/adm2026main.php>

Undergraduate admission brochure — programme criteria and CET subjects:

[Open the official programme admission chapter \(PDF\)](#)

Official GGSIU notices and admission portal:

<https://ipu.admissions.nic.in/notices/>

Disclaimer: This is a student-friendly preparation guide and not an official university-issued syllabus document. Topic examples are intended to support revision; the programme-specific official admission notice and test instructions take precedence.