

GAHET

Global Allied Healthcare Entrance Test
(formerly AIPMCET)

GAHET PG – OFFICIAL COMMON SYLLABUS

(For All 60+ PG Courses | 100 MCQs | 60 Minutes | No Negative Marking)

EXAM STRUCTURE

Section	Questions	Marks	Time Allocation
A. Core Biomedical Sciences	70	70	35–40 min
B. Applied Sciences & Research	25	25	15–18 min
C. General Aptitude & Trends	5	5	5 min

TOTAL	100	100	60 min
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No negative marking → Attempt all 100 questions

SECTION A: CORE BIOMEDICAL SCIENCES (70 Questions)

(UG-level recall | Direct MCQs | Same for every PG stream)

Subject	Qs	Syllabus (High-Yield Topics Only)
1. Human Anatomy	12	- Gross anatomy of all 11 systems (CVS, RS, CNS, GIT, Renal, Endocrine, Reproductive, Musculoskeletal, Head & Neck, Special Senses, Lymphatic) Surface anatomy & clinical landmarks Radiological anatomy (identify structures on X-ray, CT, MRI)
2. Human Physiology	12	- Functions of all systems (homeostasis, feedback, reflexes) Blood (RBC, WBC, platelets, coagulation) Special senses (vision, hearing, balance, taste, smell)
3. Medical Biochemistry	11	Carbohydrate, Protein, Lipid, Nucleic acid metabolism (key pathways only) Enzymes (classification, kinetics) Vitamins & Minerals (deficiency diseases) pH, Buffers, Acid-base balance
4. Medical Microbiology	11	Morphology & classification (bacteria, virus, fungi, parasites) Sterilization & Disinfection Basic Immunology (innate, adaptive, antigen-antibody)

5. Pathology	12	• Cell injury, adaptation, death • Inflammation & Repair • Neoplasia (benign vs malignant, grading) • Anemia, Thrombosis, Shock
6. Pharmacology	12	• General Pharmacology (ADME, receptors, dose-response) • ANS, CVS, CNS drugs • Antimicrobials, Anticancer, Endocrine drugs • Adverse reactions & contraindications

SECTION B: APPLIED SCIENCES & RESEARCH (25 Questions)

Topic	Qs	Syllabus
Clinical Diagnostics	6	• Normal lab values (CBC, LFT, KFT, Lipid, Thyroid, ABG) • ECG basics (rate, rhythm, axis) • Imaging principles (X-ray, USG, CT, MRI – indications)
Biostatistics	7	• Descriptive stats (mean, median, SD, range) • Inferential stats (t-test, chi-square, p-value) • Diagnostic tests (sensitivity, specificity, PPV, NPV)
Epidemiology	4	• Rates & ratios (incidence, prevalence, mortality) • Study designs (RCT, cohort, case-control, cross-sectional)
Research Methodology	4	• Hypothesis, variables, sampling • Study protocol, ethics, plagiarism

Medical Ethics & Law	4	• Informed consent, confidentiality • Biomedical waste management • Patient rights, medical negligence
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SECTION C: GENERAL APTITUDE & TRENDS (5 Questions)

Area	Qs	Syllabus
English Language	2	• Comprehension (1 short science passage) • Medical vocabulary (prefix/suffix: cardio-, nephro-, etc.)
Logical Reasoning	1	• Series, analogy, syllogism (non-verbal)
Current Healthcare Trends	2	• National Health Programs (Ayushman Bharat, RMNCH+A) • Telemedicine, Digital Health • NABH/NABL basics • Recent WHO/ICMR updates (2024–25)