India's **No.1** Institute **CSIR UGC NET, GATE, IIT JAM, GAT B & CUET PG**

CUET PG MICROBIOLOGY

TEST SERIES PLAN

Your Pathway to Success in CUET PG

- **Complete Syllabus Coverage**
- **Unit Tests, Topic Tests & Full-Length Mocks**
- **Detailed Explanations**
- **Exam-Oriented Practice**
- **Accessible Anywhere, Anytime**



+91-9172-266-888
ifasonline.com

UNIT 01 : MICROBIOLOGY

TYPE	TEST NAME	NO. OF QUESTIONS
UNIT TEST	MICROBIOLOGY 01	50
	MICROBIOLOGY 02	50
	MICROBIOLOGY 03	50
PRACTICE TEST	History and Scope	10
	Position and Diversity	10
	Bacterial Cell Structure	10
	Phages Viroids Prions	10
	Biogeochemical Cycles	10
	Microbes in Diverse Environments	10
	Cultivation and Growth Curve	10
	Mechanisms of Gene Transfer	10
	Gene Regulation	10
	Fermented Foods and Foodborne Diseases	10
	Fermentations and Fermenters	10
	Biofertilizers and Biopesticides	10
	Microbial Interactions	10
	Emerging Infectious Diseases	10

UNIT 02 : CYTOLOGY AND GENETICS

TYPE	TEST NAME	NO. OF QUESTIONS
UNIT TEST	CYTOLOGY AND GENETICS 01	50
	CYTOLOGY AND GENETICS 02	50
	CYTOLOGY AND GENETICS 03	50
PRACTICE TEST	Ultrastructure	10
	Cell Cycle	10
	Mendel Cytoplasmic	10
	Gene Interaction	10
	Linkage Crossing Over	10
	Sex Determination	10
	Gene Structure	10
	Mutations Mutagens	10

UNIT 03 : BIOCHEMISTRY

TYPE	TEST NAME	NO. OF QUESTIONS
UNIT TEST	BIOCHEMISTRY 01	50
	BIOCHEMISTRY 02	50
	BIOCHEMISTRY 03	50
PRACTICE TEST	Proteins	10
	Enzymes	10
	Carbohydrates	10
	Lipids	10
	Nucleic Acids Genetic Code	10

UNIT 04 : PHYSIOLOGY

TYPE	TEST NAME	NO. OF QUESTIONS
UNIT TEST	PHYSIOLOGY 01	50
	PHYSIOLOGY 02	50
	PHYSIOLOGY 03	50
PRACTICE TEST	Water Relations	10
	Cell Membrane	10
	Oxygenic Photosynthesis	10
	Anoxygenic Photosynthesis	10
	Aerobic Respiration	10
	Anaerobic Respiration	10

UNIT 05 : BIOTECHNOLOGY

TYPE	TEST NAME	NO. OF QUESTIONS
UNIT TEST	BIOTECHNOLOGY 01	50
	BIOTECHNOLOGY 02	50
	BIOTECHNOLOGY 03	50
PRACTICE TEST	Plasmid	10
	Lambda Vectors	10
	Vectors	10
	Cosmids	10
	Bacterial Artificial Chromosome	10
	YAC (Yeast Artificial Chromosome)	10
	Expression Vectors	10
	Agrobacterium Vectors	10
	Restriction Enzymes	10
	Ligases	10
	DNA Polymerases	10

TYPE	TEST NAME	NO. OF QUESTIONS
PRACTICE TEST (CONT.)	Sanger Sequencing	10
	Southern Blotting	10
	Northern Blotting	10
	DNA Microarray	10
	Genomic and cDNA Libraries	10
	Gene Gun	10
	RDT Based Products	10

UNIT 06 : BIO TECHNIQUES

TYPE	TEST NAME	NO. OF QUESTIONS
UNIT TEST	BIO TECHNIQUES 01	50
	BIO TECHNIQUES 02	50
	BIO TECHNIQUES 03	50
PRACTICE TEST	Beer Lambert	10
	Instrumentation	10
	Nucleic Acid Protein Quantification	10
	Turbidimetry Colorimetry	10

UNIT 07 : IMMUNOLOGY

TYPE	TEST NAME	NO. OF QUESTIONS
UNIT TEST	IMMUNOLOGY 01	50
	IMMUNOLOGY 02	50
	IMMUNOLOGY 03	50
PRACTICE TEST	Cells Organs Immune System	10
	Innate Adaptive Immune Response	10
	Antigen and Antibody	10
	Complement System	10
	Major Histocompatibility Complex (MHC)	10
	Immunological Techniques	10

UNIT 08 : ECOLOGY		
TYPE	**TEST NAME**	**NO. OF QUESTIONS**
UNIT TEST	ECOLOGY 01	50
	ECOLOGY 02	50
	ECOLOGY 03	50
PRACTICE TEST	Adaptations	10
	Population Ecology	10
	Community Ecology	10
	Ecosystem Functions	10
	Ecological Successions	10
	Environmental Pollutions	10

MOCK TESTS	
TEST NAME	**NO. OF QUESTIONS**
MOCK TEST 01	75
MOCK TEST 02	75
MOCK TEST 03	75
MOCK TEST 04	75
MOCK TEST 05	75
MOCK TEST 06	75
MOCK TEST 07	75
MOCK TEST 08	75
MOCK TEST 09	75
MOCK TEST 10	75

YOUR PREPARATION, PERFECTED

In the fields of observation, chance favours only the prepared mind.

LOUIS PASTEUR

Every test you attempt sharpens your accuracy, your timing and your judgement. Stay consistent, review every mistake with honesty, and let the results take care of themselves.

IfAS