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

GATE
LIFE SCIENCE

TEST SERIES PLAN

Your Pathway to
Success in GATE



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UNIT TESTS		
UNIT NAME	TEST NAME	NO. OF QUESTIONS
SECTION 1 : GENERAL APTITUDE		
SECTION 1 : GENERAL APTITUDE	General Aptitude 01	50
	General Aptitude 02	50
	General Aptitude 03	50
XL – P CHEMISTRY		
XL - P CHEMISTRY	Chemistry 01	30
	Chemistry 02	30
	Chemistry 03	30
XL – Q BIOCHEMISTRY		
XL - Q BIOCHEMISTRY	Biochemistry 01	50
	Biochemistry 02	50
	Biochemistry 03	50
XL – R BOTANY		
XL - R BOTANY	Botany 01	50
	Botany 02	50
	Botany 03	50
XL – S MICROBIOLOGY		
XL - S MICROBIOLOGY	Microbiology 01	50
	Microbiology 02	50
	Microbiology 03	50
XL – T ZOOLOGY		
XL - T ZOOLOGY	Zoology 01	50
	Zoology 02	50
	Zoology 03	50
XL – U FOOD TECHNOLOGY		
XL - U FOOD TECHNOLOGY	Food Technology 01	50
	Food Technology 02	50
	Food Technology 03	50

TOPIC TESTS

UNIT NAME	TEST NAME	NO. OF QUESTIONS
SECTION 1 : GENERAL APTITUDE		
SECTION 1 : GENERAL APTITUDE	Number System	10
	Percentage and Ratio	10
	Speed Time Distance	10
	Work and Time	10
	Profit and Loss	10
	Simple and Compound Interest	10
	Algebra	10
	Geometry and Mensuration	10
	Permutation and Combination	10
XL – P CHEMISTRY		
XL - P CHEMISTRY	Atomic Structure and Periodicity	10
	Structure and Bonding	10
	S, P and D Block Elements	10
	Chemical Equilibria	10
	Electrochemistry	10
	Reaction Kinetics	10
	Thermodynamics	10
	Structure-Reactivity Correlations and Organic Reaction	10
	Chemistry of Biomolecules	10
XL – Q BIOCHEMISTRY		
XL - Q BIOCHEMISTRY	Biomolecules and Protein Function	10
	Metabolism and Bioenergetics	10
	Biochemical Techniques	10
	Cell Biology and Signaling	10
	Molecular Biology and Genetics	10
	Immunology	10
XL – R BOTANY		
XL - R BOTANY	Economic Botany and Ethnobotany	10
	Genetics and Plant Breeding	10
	Molecular Biology and Biotechnology	10

UNIT NAME	TEST NAME	NO. OF QUESTIONS
XL - R BOTANY	Plant Anatomy	10
	Plant Biochemistry	10
	Plant Ecology and Phytogeography	10
	Plant Embryology	10
	Plant Physiology	10
	Plant Systematics	10
XL – S MICROBIOLOGY		
XL - S MICROBIOLOGY	Historical Perspective	10
	Methods in Microbiology	10
	Microbial Taxonomy and Diversity	10
	Prokaryotic Cells: Structure and Function	10
	Microbial Growth	10
	Control of Micro-Organisms	10
	Microbial Metabolism	10
	Microbial Diseases and Host Pathogen Interaction	10
	Chemotherapy / Antibiotics	10
	Microbial Genetics	10
	Microbial Ecology	10
XL – T ZOOLOGY		
XL - T ZOOLOGY	Animal Diversity	10
	Evolution	10
	Genetics	10
	Biochemistry and Molecular Biology	10
	Cell Biology	10
	Gene Expression in Eukaryotes	10
	Animal Anatomy and Physiology	10
	Parasitology and Immunology	10
	Developmental Biology	10
	Ecology	10
	Animal Behaviour	10
XL – U FOOD TECHNOLOGY		
XL - U FOOD TECHNOLOGY	Food Chemistry and Nutrition	10
	Food Microbiology	10

UNIT NAME	TEST NAME	NO. OF QUESTIONS
XL - U FOOD TECHNOLOGY	Food Products Technology	10
	Food Engineering	10

MOCK TESTS

TEST NAME	NO. OF QUESTIONS
Botany Zoology Mock Test 01	65
Biochemistry Botany Mock Test 01	65
Botany Microbiology Mock Test 01	65
Botany Food Technology Mock Test 01	65
Biochemistry Zoology Mock Test 01	65
Biochemistry Microbiology Mock Test 01	65
Biochemistry Food Technology Mock Test 01	65
Zoology Microbiology Mock Test 01	65
Zoology Food Technology Mock Test 01	65
Microbiology Food Technology Mock Test 01	65
Botany Zoology Mock Test 02	65
Biochemistry Botany Mock Test 02	65
Botany Microbiology Mock Test 02	65
Botany Food Technology Mock Test 02	65
Biochemistry Zoology Mock Test 02	65
Biochemistry Microbiology Mock Test 02	65
Biochemistry Food Technology Mock Test 02	65
Zoology Microbiology Mock Test 02	65
Zoology Food Technology Mock Test 02	65
Microbiology Food Technology Mock Test 02	65
Botany Zoology Mock Test 03	65
Biochemistry Botany Mock Test 03	65
Botany Microbiology Mock Test 03	65
Botany Food Technology Mock Test 03	65
Biochemistry Zoology Mock Test 03	65
Biochemistry Microbiology Mock Test 03	65
Biochemistry Food Technology Mock Test 03	65
Zoology Microbiology Mock Test 03	65
Zoology Food Technology Mock Test 03	65

TEST NAME	NO. OF QUESTIONS
Microbiology Food Technology Mock Test 03	65
Botany Zoology Mock Test 04	65
Biochemistry Botany Mock Test 04	65
Botany Microbiology Mock Test 04	65
Botany Food Technology Mock Test 04	65
Biochemistry Zoology Mock Test 04	65
Biochemistry Microbiology Mock Test 04	65
Biochemistry Food Technology Mock Test 04	65
Zoology Microbiology Mock Test 04	65
Zoology Food Technology Mock Test 04	65
Microbiology Food Technology Mock Test 04	65
Botany Zoology Mock Test 05	65
Biochemistry Botany Mock Test 05	65
Botany Microbiology Mock Test 05	65
Botany Food Technology Mock Test 05	65
Biochemistry Zoology Mock Test 05	65
Biochemistry Microbiology Mock Test 05	65
Biochemistry Food Technology Mock Test 05	65
Zoology Microbiology Mock Test 05	65
Zoology Food Technology Mock Test 05	65
Microbiology Food Technology Mock Test 05	65
Botany Zoology Mock Test 06	65
Biochemistry Botany Mock Test 06	65
Botany Microbiology Mock Test 06	65
Botany Food Technology Mock Test 06	65
Biochemistry Zoology Mock Test 06	65
Biochemistry Microbiology Mock Test 06	65
Biochemistry Food Technology Mock Test 06	65
Zoology Microbiology Mock Test 06	65
Zoology Food Technology Mock Test 06	65
Microbiology Food Technology Mock Test 06	65
Botany Zoology Mock Test 07	65
Biochemistry Botany Mock Test 07	65
Botany Microbiology Mock Test 07	65

TEST NAME	NO. OF QUESTIONS
Botany Food Technology Mock Test 07	65
Biochemistry Zoology Mock Test 07	65
Biochemistry Microbiology Mock Test 07	65
Biochemistry Food Technology Mock Test 07	65
Zoology Microbiology Mock Test 07	65
Zoology Food Technology Mock Test 07	65
Microbiology Food Technology Mock Test 07	65
Botany Zoology Mock Test 08	65
Biochemistry Botany Mock Test 08	65
Botany Microbiology Mock Test 08	65
Botany Food Technology Mock Test 08	65
Biochemistry Zoology Mock Test 08	65
Biochemistry Microbiology Mock Test 08	65
Biochemistry Food Technology Mock Test 08	65
Microbiology Zoology Mock Test 08	65
Zoology Food Technology Mock Test 08	65
Microbiology Food Technology Mock Test 08	65
Botany Zoology Mock Test 09	65
Biochemistry Botany Mock Test 09	65
Botany Microbiology Mock Test 09	65
Botany Food Technology Mock Test 09	65
Biochemistry Zoology Mock Test 09	65
Biochemistry Microbiology Mock Test 09	65
Biochemistry Food Technology Mock Test 09	65
Zoology Microbiology Mock Test 09	65
Zoology Food Technology Mock Test 09	65
Microbiology Food Technology Mock Test 09	65
Botany Zoology Mock Test 10	65
Biochemistry Botany Mock Test 10	65
Botany Microbiology Mock Test 10	65
Botany Food Technology Mock Test 10	65
Biochemistry Zoology Mock Test 10	65
Biochemistry Microbiology Mock Test 10	65
Biochemistry Food Technology Mock Test 10	65

TEST NAME	NO. OF QUESTIONS
Zoology Microbiology Mock Test 10	65
Zoology Food Technology Mock Test 10	65
Microbiology Food Technology Mock Test 10	65

"The beautiful thing about learning is that nobody can take it away from you."

— B.B. King

Best Wishes from Team IFAS