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

GATE

BIOTECHNOLOGY

Test Series Plan



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UNIT TESTS

UNIT NAME	TEST NAME	NO. OF QUESTIONS
SECTION 1: ENGINEERING MATHS	TEST 01 ENGINEERING MATHS	50
	TEST 02 ENGINEERING MATHS	50
	TEST 03 ENGINEERING MATHS	50
SECTION 2: GENERAL BIOTECHNOLOGY	TEST 01 GENERAL BIOTECHNOLOGY	50
	TEST 02 GENERAL BIOTECHNOLOGY	50
	TEST 03 GENERAL BIOTECHNOLOGY	50
SECTION 3: GENETICS, CELLULAR, MOLECULAR BIOLOGY	TEST 01 GENETICS, CELLULAR, MOLECULAR BIOLOGY	50
	TEST 02 GENETICS, CELLULAR, MOLECULAR BIOLOGY	50
	TEST 03 GENETICS, CELLULAR, MOLECULAR BIOLOGY	50
SECTION 4: FUNDAMENTAL OF BIO ENGINEERING	TEST 01 FUNDAMENTAL OF BIO ENGINEERING	50
	TEST 02 FUNDAMENTAL OF BIO ENGINEERING	50
	TEST 03 FUNDAMENTAL OF BIO ENGINEERING	50
SECTION 5: BIOPROCESS ENGINEERING & PROCESS BIOTECHNOLOGY	TEST 01 BIOPROCESS ENGINEERING & PROCESS BIOTECHNOLOGY	50
	TEST 02 BIOPROCESS ENGINEERING & PROCESS BIOTECHNOLOGY	50
	TEST 03 BIOPROCESS ENGINEERING & PROCESS BIOTECHNOLOGY	50
SECTION 6: PLANT, ANIMAL AND MICROBIAL BIOTECHNOLOGY	TEST 01 PLANT, ANIMAL AND MICROBIAL BIOTECHNOLOGY	50
	TEST 02 PLANT, ANIMAL AND MICROBIAL BIOTECHNOLOGY	50
	TEST 03 PLANT, ANIMAL AND MICROBIAL BIOTECHNOLOGY	50
SECTION 7: RECOMBINANT DNA TECHNOLOGY	TEST 01 RECOMBINANT DNA TECHNOLOGY	50
	TEST 02 RECOMBINANT DNA TECHNOLOGY	50
	TEST 03 RECOMBINANT DNA TECHNOLOGY	50
SECTION 8: GENERAL APTITUDE	TEST 01 GENERAL APTITUDE	20
	TEST 02 GENERAL APTITUDE	20
	TEST 03 GENERAL APTITUDE	20

TOPIC TESTS

UNIT NAME	TEST NAME	NO. OF QUESTIONS
SECTION 1: ENGINEERING MATHS	LINEAR ALGEBRA TEST	10
	CALCULUS TEST	10
	DIFFERENTIAL EQUATIONS TEST	10
	PROBABILITY AND STATISTICS TEST	10
	NUMERICAL METHODS TEST	10
SECTION 2: GENERAL BIOTECHNOLOGY	BIOCHEMISTRY TEST	10

UNIT NAME	TEST NAME	NO. OF QUESTIONS
SECTION 2: GENERAL BIOTECHNOLOGY (CONT.)	MICROBIOLOGY TEST	10
	IMMUNOLOGY TEST	10
SECTION 3: GENETICS, CELLULAR, MOLECULAR BIOLOGY	GENETICS AND EVOLUTIONARY BIOLOGY TEST	10
	CELL BIOLOGY TEST	10
	MOLECULAR BIOLOGY TEST	10
SECTION 4: FUNDAMENTAL OF BIO ENGINEERING	ENGINEERING PRINCIPLES TEST	10
	THERMODYNAMICS AND BIOENERGETICS TEST	10
	TRANSPORT PROCESSES TEST	10
SECTION 5: BIOPROCESS ENGINEERING & PROCESS BIOTECHNOLOGY	BIOREACTION ENGINEERING TEST	10
	UPSTREAM AND DOWNSTREAM PROCESSING TEST	10
	INSTRUMENTATION AND PROCESS CONTROL TEST	10
SECTION 6: PLANT, ANIMAL AND MICROBIAL BIOTECHNOLOGY	PLANT BIOTECHNOLOGY TEST	10
	ANIMAL BIOTECHNOLOGY TEST	10
	MICROBIAL BIOTECHNOLOGY TEST	10
SECTION 7: RECOMBINANT DNA TECHNOLOGY	RECOMBINANT DNA TECHNOLOGY TEST	10
	MOLECULAR TOOLS TEST	10
	ANALYTICAL TOOLS TEST	10
	COMPUTATIONAL TOOLS TEST	10
SECTION 8: GENERAL APTITUDE	VERBAL ABILITY TEST	10
	QUANTITATIVE APTITUDE TEST	10
	ANALYTICAL REASONING TEST	10
	SPATIAL APTITUDE TEST	10

MOCK TESTS

TEST NAME	NO. OF QUESTIONS
MOCK TEST 01	65
MOCK TEST 02	65
MOCK TEST 03	65
MOCK TEST 04	65
MOCK TEST 05	65
MOCK TEST 06	65
MOCK TEST 07	65
MOCK TEST 08	65
MOCK TEST 09	65
MOCK TEST 10	65
MOCK TEST 11	65
MOCK TEST 12	65
MOCK TEST 13	65
MOCK TEST 14	65

TEST NAME	NO. OF QUESTIONS
MOCK TEST 15	65

ALL THE BEST!

GATE BIOTECHNOLOGY • TEST SERIES

Science knows no country, because knowledge belongs to humanity, and is the torch which illuminates the world.

— Louis Pasteur

Attempt every test with honesty. Review every mistake with patience. Consistency in practice is what turns preparation into a rank.

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