

Test No	Type of test	Test Start Date	Test End Date	Topic	Test Syllabus	Difficulty level	No of questions	Max Marks	Test Duration
1	Unit Test - Partial Syllabus	29th March 2017 Onwards	11th February 2018	Engineering Mathematics-I	Linear algebra, statistics	Easy	10	15	30 min
2				Engineering Mathematics-II	Probability, calculus	Easy	10	15	30 min
3				Biochemistry-I	Enzyme Kinetics, Bioenergetics, Basic Concepts And Designs of Metabolism, Biomolecule Ramachandran Plot	Easy	10	15	30 min
4				Biochemistry-II	Biological Structure, Enzyme Kinetics, Biomolecular Structure, Photosynthesis	Easy	10	15	30 min
5				Biochemistry-III	Enzyme Classification, Bioenergetics, Enzyme Action	Easy	10	15	30 min
6				Microbiology-I	Nitrogen Fixation, Microbial Diversity, Virus	Easy	10	15	30 min
7				Microbiology-II	Microbial Nutrition, Methods In Microbiology, Microbial Diseases	Easy	10	15	30 min
8				Cell Biology-I	Cell Communication	Easy	10	15	30 min
9				Cell Biology-II	Prokaryotic And Eukaryotic Cell Structure	Easy	10	15	30 min
10				Molecular Biology and Genetics-I	Nucleic Acid Replication, Transposes, Mutations And Mutagenesis , Conjugation	Easy	10	15	30 min
11				Molecular Biology and Genetics-II	Molecular Structure of Genes And Chromosomes, Regulatory Mechanisms In Prokaryotes And Eukaryotes	Easy	10	15	30 min
12				Molecular Biology and Genetics-III	Translation And Their Regulatory Mechanisms In Prokaryotes And Eukaryotes , Extra Chromosomal Inheritance	Easy	10	15	30 min
13				Analytical Techniques-I	Light Microscope, Microarray, High Centrifugation, Hydrophobic Interaction	Easy	10	15	30 min
14				Analytical Techniques-II	Microscopy-Dark Field Microscopy, Raman Spectroscopy, Protein Microarray, Affinity Chromatography	Easy	10	15	30 min
15				Analytical Techniques-III	Ion Exchange Chromatography, Gel Filtration, Electrophoresis-Pulse Field, Dna Microarray	Easy	10	15	30 min
16				Immunology-I	B And T Cells And Macrophages-Inflammation, Tcells, Primary And Secondary Lymphoid Organ	Easy	10	15	30 min
17				Immunology-II	Antibody, Molecular Basis of Antibody Diversity, Major Histocompatibility Complex (Mhc)	Easy	10	15	30 min
18				Immunology-III	Antigen Processing And Presentation; Antibody Structure And Function, T Cells – Nk Cells	Easy	10	15	30 min
19				Bioinformatics-I	Major Bioinformatics Resources And Search Tools; Genomics, Force Fields	Easy	10	15	30 min
20				Bioinformatics-II	Scoring Matrix , Genomics, Sequence Analysis, Force Fields	Easy	10	15	30 min
21				Bioinformatics-III	MSA, Genomics, Molecular Dynamics And Simulations	Easy	10	15	30 min
22				RDNA Technology-I	DNA Sequencing, Gene Therapy, Southern Blotting, Rapd	Easy	10	15	30 min
23				RDNA Technology-II	Gene Transfer, Gene Expression, Yac	Easy	10	15	30 min
24				RDNA Technology-III	Vector, PCR, DNA Fingerprinting, Genomic Lib, Plasmid	Easy	10	15	30 min
25				Plant Biotechnology-I	Regeneration Of Plants , Plant Growth Regulators And Elicitors, Transgenic Plants	Easy	10	15	30 min
26				Plant Biotechnology-II	Totipotency , Tissue Culture, Cell Suspension, Plant Products	Easy	10	15	30 min
27				Plant Biotechnology-III	PGH, Cell Suspension Culture System , Plant Products of Industrial Importance	Easy	10	15	30 min
28				Animal Biotechnology-I	Transgenic Animals, Animal Cell Culture , Animal Cloning, Media Composition, Growth Conditions, Animal Cell Preservation	Easy	10	15	30 min
29				Animal Biotechnology-II	Media Composition, Growth Conditions, Animal Cell Preservation	Easy	10	15	30 min
30				Animal Biotechnology-III	Kinetics of Cell, Anchorage And Non-Anchorage Dependent Cell Culture	Easy	10	15	30 min
31				Bioprocess Engineering-I	Process Scale-Up, Economics And Feasibility Analysis, Aeration And Agitation	Easy	10	15	30 min
32				Bioprocess Engineering-II	Batch Process. Kinetics of Microbial Growth, Rheology of Fermentation Fluids	Easy	10	15	30 min
33				Bioprocess Engineering-III	Immobilization, Chromatography, Bioremediation, Production of Secondary Metabolites	Easy	10	15	30 min
34				Process Biotechnology-I	Production of Biomass, Production of Antibiotics, Industrial Application of Chromatographic	Easy	10	15	30 min
35				Process Biotechnology-II	Immobilization of Biocatalysts, Production of Biofuel, Bioremediation – Bioleaching	Easy	10	15	30 min
36				Process Biotechnology-III	Batch Fed Batch And Continuous Process, Mass Transfer Sterilization, Product Formation	Easy	10	15	30 min

37			Verbal Ability-I	Antonyms, synonyms, verbal analogies, word group, spotting errors and vocabulary building	Easy	10	15	30 min
38			Verbal Ability-II	Sentence completion, sentence improvement, critical reasoning, statements and conclusions,	Easy	10	15	30 min
39			Numerical Ability-I	Profit or loss, averages, number series,time and work, time, speed and distance, ratios and proportions and functions	Easy	10	15	30 min
40			Numerical Ability-II	Data interpretation, data sufficiency, clocks and calendars, directions and blood relations	Easy	10	15	30 min

1	Section Test - Partial Syllabus	7th June 2017 Onwards	11th February 2018	Engineering Mathematics-I	Linear algebra,statistics	Moderate	20	30	60 min
2				Engineering Mathematics-II	Probability,calculus	Moderate	20	30	60 min
3				Biochemistry-I	Enzyme Kinetics, Bioenergetics, Basic Concepts And Designs of Metabolism, Biomolecule Ramachandran Plot	Moderate	20	30	60 min
4				Biochemistry-II	Biological Structure, Enzyme Kinetics, Biomolecular Structure, Photosynthesis	Moderate	20	30	60 min
5				Biochemistry-III	Enzyme Classification, Bioenergetics, Enzyme Action	Moderate	20	30	60 min
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7				Microbiology-II	Microbial Nutrition, Methods In Microbiology, Microbial Diseases	Moderate	20	30	60 min
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11				Molecular Biology and Genetics-II	Molecular Structure of Genes And Chromosomes, Regulatory Mechanisms In Prokaryotes And Eukaryotes	Moderate	20	30	60 min
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13				Analytical Techniques-I	Light Microscope, Microarray, High Centrifugation, Hydrophobic Interaction	Moderate	20	30	60 min
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39				Numerical Ability-I	Profit or loss, averages, number series,time and work, time, speed and distance, ratios and proportions and functions	Moderate	20	30	60 min
40				Numerical Ability-II	Data interpretation, data sufficiency, clocks and calendars, directions and blood relations	Moderate	20	30	60 min
1				Full length Mock Tests	19th July, 2017	11th February 2018	Extra Edge Test-01	Full syllabus	Easy
2	2nd August, 2017	11th February 2018	Extra Edge Test-02		Full syllabus	Easy	65	100	180 min
3	16th August, 2017	11th February 2018	Extra Edge Test-03		Full syllabus	Easy	65	100	180 min
4	30th August, 2017	12th September, 2017	Self Administered Test-1		Full syllabus	Easy - Moderate	65	100	180 min
5	13th September, 2017	11th February 2018	Extra Edge Test-04		Full syllabus	Easy - Moderate	65	100	180 min
6	27th September, 2017	10th October, 2017	Self Administered Test-2		Full syllabus	Easy - Moderate	65	100	180 min
7	4th October, 2017	11th February 2018	Extra Edge Test-05		Full syllabus	Easy - Moderate	65	100	180 min
8	18th October, 2017	31st October, 2017	Self Administered Test-3		Full syllabus	Moderate	65	100	180 min
9	1st November, 2017	11th February 2018	Extra Edge Test-06		Full syllabus	Moderate	65	100	180 min
10	8th November, 2017	21st November, 2017	Self Administered Test-4		Full syllabus	Moderate	65	100	180 min
11	23rd December, 2017	29th December,2017	Monitored Test-01		Full syllabus	Moderate	65	100	180 min
12	29th November, 2017	12th December, 2017	Self Administered Test-5		Full syllabus	Moderate - Hard	65	100	180 min
13	30th December, 2017	5th January, 2018	Monitored Test-02		Full syllabus	Moderate - Hard	65	100	180 min
14	13th December, 2017	26th December, 2017	Self Administered Test-6		Full syllabus	Hard	65	100	180 min
15	6th January, 2018	12th January, 2018	Monitored Test-03		Full syllabus	Hard	65	100	180 min
16	23rd January, 2018	29th January, 2018	Monitored Test-04		Full syllabus	GATE level	65	100	180 min