

S.N.	Class	Paper name	Assignment
UG Classes Assignment			
1	B.Sc. V sem	H-IX Systematics of Angiosperm	(i) Origin and evolution of Angiosperm
			(ii) Modern taxonomy
		H-X Microbiology and Plant Pathology	(i) Biological nitrogen fixation
			(ii) Disease cycle of plant pathogen
	B.Sc. V sem	S-5 Systematics of Angiosperm	(i) Origin and evolution of Angiosperm (ii) Modern taxonomy
2	B.Sc. VI sem	H-XI Biology of Seed plants and their utilization	(Project work) (I) Ethanobotanical importance of Allium cepa, Aloe vera, Aconites napellus
			(II) Wild life protection in tribal
		H- XII Structure, development and anatomy of Angiosperm	(I) Shoot Apical meristem
			(II) Anatomy of Dicot stem
	B.Sc. VI sem	S6 Biology of Seed plants and their utilization	(Project work) (I) Ethanobotanical importance of Allium cepa, Aloe vera, Aconites napellus (II) Wild life protection in tribal
PG Classes Assignment			
BOTANY			
	Class	Paper name	Assignment
1	M.Sc. III sem	301-Plant Physiology	(I)Plant growth hormones functions
			(II)Photoperiodism and its significance
		302-Plant biochemistry and Metabolism	(I)Electron transport and ATP Synthesis (II)Biological nitrogen fixation
		303-Genetics and Cytogenetics	(I)Genetic recombination in Bacteria (II)Transposable elements

		304-Molecular biology	(I) Translation/Protein Synthesis (II) Cytokinesis and cell plate formation
2	M.Sc. IV sem	401 – Plant cell, Tissue and Organ culture	(I) Somatic hybridization (II) Secondary metabolites
		402- Biotechnology and Genetic Engineering	(I) Agrobacterium (natural genetic engineer)

			(II) Polymerase Chain Reaction
		403- Applied Mycology	(I) Mushroom cultivation (II) classification of Fungi
		404- Ethnobotany	(I) Importance of plants in relation to Mythology (II) Applications of medicinally important plants
MICROBIOLOGY			
1	M.Sc. III sem	301 Agriculture Microbiology	(I) Defence Mechanism in Plants (II) Resistance mechanism in plants
		302 Food and Dairy Microbiology	(I) Microbial production of single cell protein (II) Food preservation methods
		303 Industrial Microbiology	(I) Design and construction of fermentor (II) Production of Antibiotics
		304 Environmental Microbiology	(I) Purification of water (II) Water Microbiology
2	M.Sc. IV sem	Dissertation (Research work)	---