Q:3	(a) (b)	Describe the Griffith experiment-Transformation.	(05) (05)
	(a) (b)	OR What is Bacteriophage? Describe its structure with labeled diagram. Classify bacteria based on shape and flagella arrangement.	(05) (05)
Q:4		Describe different stages of Mitosis with necessary diagrams.	(10)
	(a) (b)	OR Write the functions of endoplasmic reticulum. Describe the ultra structure of Golgi apparatus with labeled diagram.	(05) (05)
Q:5		Describe the types of palmate and pinnate compound leaf with examples and draw necessary figures.	(10)
	(a) (b)	OR Describe the types of Cymose inflorescences with necessary diagram. Describe Cyathium and Verticillaster inflorescences and draw necessary diagram.	(05) (05)
Q:6	(a) (b)	Cycas: male strobilus (male cone). Describe economic importance of Bitter gourd and Cucumber.	(05) (05)
	(a)	OR Describe structure of Cycas ovule (Megasporangium) with labeled	(05)
	(b)	diagram. Describe calyx, corolla, andorecium and gynoecium of family Solanaceae.	(05)

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