

QP Code: D133770		Total Pages: 1	Name:
			Register No.
THIRD SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2025			
(CUFYUGP)			
BOT3CJ201 PLANT EMBRYOLOGY, PALYNOLOGY & EVOLUTION			
2024 Admission onwards			
Maximum Time :2 Hours			Maximum Marks :70
Section A			
All Questions can be answered. Each Question carries 3 marks (Ceiling : 24 Marks)			
1	Find the role of filiform apparatus		
2	Write note on zoochory with one example		
3	Define Apomixis		
4	Name the branches of palynology		
5	Define Perine in palynology		
6	What is forensic palynology?		
7	Define Oparin's concept.		
8	Note on archaeobacteria as a early fossilized cells.		
9	Find the chromosomal variations		
10	Write the allopatric mode of speciation.		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling : 36 Marks)			
11	Write the special reference to contributions of Indian embryologists.		
12	Find the significance of pollen pistil interaction.		
13	Discuss about LO analysis in palynology.		
14	Illustrate the Harmomegathic mechanism.		
15	Evidences of organic evolution from Embryology and Palynology		
16	Predict the evolution process of prokaryotic cell.		
17	Analyse the NeoDarwinism and its objection.		
18	Explain the isolating mechanism of speciation.		
Section C			
Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)			
19	Explain the development and types of Monosporic embryo in Polygonum.		
20	Elaborate the academic & applied aspects of Palynology.		