



Reg. No.:

Name:

University of Kerala

First Semester FYUGP Degree Examination, December 2025

Discipline Specific Core Course

BOTANY

UK1DSCBOT101 - Plant World I

Academic Level: 100-199

2024 Admission onwards

Time: 1 Hour 30 Minutes(90 Mins.)

Max. Marks: 42

Part A. 6 Marks.Time:6 Minutes.(Cognitive Level:Remember(RE)/Understand(UN)) Objective Type. 1 Mark
Each.Answer all questions

Qn No.	Question	CL	CO
1	Give an example of a terrestrial biome	RE	1
2	Name the genus of a thalloid liverwort.	RE	1
3	Which cellular process in bacteria is associated with mesosomes?	UN	2
4	Close up Photography is commonly called..... Options : A)Microphotography B) Photomicrography C)Macro Photography D)None of the above	UN	2
5	Give example of microscopic algae	UN	3
6	Give an example of Bryophyte	UN	2

Part B.8 Marks.Time:24 Minutes.(Cognitive Level:Understand(UN)/Apply(AP))Short Answer. 2 marks each.Answer all questions

Qn No.	Question	CL	CO
7	Classify virions based on their structure.	UN	2
8	Mention two advantages of macro photography in studying plants.	UN	3
9	You find a fungal sample that reproduces by budding. How will you identify the organism?	AP	1
10	Write different steps needed to formulate a hypothesis ?	AP	4

Qn No.	Question	CL	CO
11	<p>A) Explain the thallus morphology of Riccia with diagrammatic representation.</p> <p>OR B) Explain the concept of symbiosis on the basis of lichens.</p>	AP	3, 3
12	<p>A) Write a general account on various prokaryotes you have studied.</p> <p>OR B) Analyze the differences between terrestrial and aquatic biomes.</p>	AN	2, 2
13	<p>A) Compare and contrast the thallus morphology of various eukaryotic organisms that you have studied</p> <p>OR B) Evaluate the impact of major geological periods on the evolution and diversification of plants.</p>	EV	2, 2
14	<p>A) Describe the different types of tropic movements in plants and explain how they help plants adapt to their environment?</p> <p>OR B) Create an account on what are the basic steps in scientific enquiry.</p>	CR	1, 4