

Reg. No.:



Name:

University of Kerala

W7553

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	Which type of cell lacks a true nucleus?	RE	2
2	Give an example of a tropic movement.	RE	1
3	Name an Edible Fungi.	UN	1
4	Give examples of any two circadian movements in plants	UN	1
5	Which plant group is called Amphibians of Plant Kingdom? Options : A)Pteridophytes B)Gymnosperms C)Lichens D)Bryophytes	UN	2
6	What is a hypothesis?	UN	1

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	Write an account on thallus of Spirogyra.	UN	1
8	Explain why different methods of data collection are used in Scientific experiments.	UN	4
9	Give the structure of Yeast with suitable diagram	AP	2
10	How to distinguish gram positive and gram-negative bacteria?	AP	4

Qn No.	Question	CL	CO
11	A) Explain the thallus morphology of <i>Pinnularia</i> with illustration OR B) Explain the outline of report writing.	AP	3, 3
12	A) Explain the cell structure of bacteria and mention the difference between archaea and bacteria. OR B) Analyze various Biomes and its peculiarities.	AN	2, 2
13	A) Evaluate the use of macro and micro photography in studying the external features of plants. OR B) Are plants alive? Justify the statement.	EV	3, 1
14	A) Compare the thallus structure of <i>Riccia</i>, and <i>Bryum</i> highlighting key similarities and differences. OR B) Create a Comprehensive Project Report Outline	CR	2, 4