



U8340

Reg. No.:

Name:.....

**University of Kerala**

First Semester Degree Examination, November 2024

Four Year Under Graduate Programme

Discipline Specific Core Course

BOTANY**UK1DSCBOT101 PLANT WORLD 1**

AcademicLevel:100-199

Time:1½ Hours**Max.Marks:42**

Part A.

Answer All Questions, Objective Type. 1MarkEach.

(Cognitive Level: Remember/Understand)

6Marks.Time: 6Minutes

Qn. No.	Question	Cognitive Level	Course Outcome (CO)
1.	What is Symbiosis	Remember	CO-1
2.	Define hypothesis	Remember	CO-4
3.	Give an example of a Bryophyte.	Understand	CO-1
4.	What are giant viruses	Understand	CO-1
5.	Name the fresh water algae	Understand	CO-2
6.	What are ISO values	Understand	CO-3

Part B.

Answer All Questions Short Answer.2MarksEach.

(Cognitive Level:Understand/Apply)

8Marks.Time: 24Minutes

Qn. No.	Question	Cognitive Level	Course Outcome (CO)
7.	What is the structure of chloroplast in Spirogyra?	Understand	CO-1
8.	Explain the Geological time scale	Understand	CO-2
9.	Explain the Tropic movements of plants	Apply	CO-1
10.	Writ any two key differences between Bacteria and Archaea.	Apply	CO-2

Part C.

Answer all 4 Questions, choosing among options within each question.

Long Answer. 7 marks each.

(Cognitive Level: Apply/Analyse/Evaluate/Create)

28 Marks. Time: 60 Minutes

Qn. No.	Question	Cognitive Level	Course Outcome (CO)
11.	a) Illustrate and explain any three types of Viruses studied by you. Or b) Generalize the character of fungus with one example.	Apply	CO-2 CO-2
12.	a) What are the different types of lichens? Give examples. or b) Describe the steps or stages of a research project	Analyze	CO-2 CO-4
13.	a) Both microphotography and macro photography are essential digital resources in science. Explain or b) Describe briefly the process of scientific inquiry.	Evaluate	CO-3 CO-4
14.	a) Explain the structure of <i>Riccia</i> with illustration. or b) Explain the characteristic features of <i>Spirogyra</i> with suitable diagrams.	Create	CO-2 CO-2