

Reg. No.:



Name:

University of Kerala

W7783

First Semester FYUGP Degree Examination, December 2025

Discipline Specific Core Course

BOTANY

UK1DSCBOT104 - Plants in Daily Life

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	Name the most common type of plant fiber used in clothing?	RE	2
2	Define phytoremediation?	RE	1
3	Give an example for a pollution indicator	UN	1
4	Cite the volatile oil present in citrus plants?	UN	2
5	Cite a beverage suitable as a stimulant.	UN	5
6	Give the primary use of the plant Hemp.	UN	3

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	Briefly explain the process of obtaining fiber from plants	UN	3
8	Express the effectiveness is <i>Adhatoda vasica</i> in treating respiratory ailments?	UN	4
9	Explain about the psychoactive drugs obtained from plants and their mode of action.	AP	3
10	Explain how plants can be used in the preparation of a crude hair dye?	AP	4

Part C. 28 Marks.Time:60 Minutes (Cognitive Level:Apply(AP)/Analyse(AN)/Evaluate(EV)/Create(CR)) Long Answer.7 marks each.Answer all 4 Questions choosing among options * within each question

Qn No.	Question	CL	CO
11	A)	AP	4, 4

Qn No.	Question	CL	CO
	Develop a procedure for herbal infusion ? OR B) Explain how cereals and millets are the essential part of human life		
12	A) Analyse the characteristic features of natural hair dyes and hair wash OR B) Analyze the impact of psychoactive drugs from Poppy on human health.	AN	4, 5
13	A) Assess whether aromatherapy should be recommended as a primary therapeutic option or only as complementary care. Justify your answer. OR B) Prepare a homemade herbal infusion. Explain the beneficial effects of each ingredient.	EV	4, 4
14	A) Create a concept for a small-scale aromatherapy collection using essential oils of citrus, sandalwood, and lavender, specifying each product's name, function, target audience, and extraction process. OR B) Design a comprehensive herbal remedy kit for common household ailments (e.g., cold, indigestion, skin irritation, respiratory disorders), detailing the plants, their uses, and preparation methods	CR	4, 4