

Reg. No.:



Name:

University of Kerala

W7556

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 key Psychoactive Compound in <i>Cannabis</i>	RE	3
2	Name the binomial of a plant used in festivals	RE	1
3	Explain why are lichens considered good indicators of air pollution?	UN	1
4	Cite the essential oil obtained from citrus family?	UN	4
5	Give the botanical name of coffee	UN	2
6	Cite the chief phytoconstituents procured from Hemp.	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	Explain how opium- based drugs act on the human body?	UN	3
8	Describe the relationship between air quality and lichen diversity.	UN	3
9	Explain how you could modify the storage conditions of cotton fibres in humid regions to avoid fungal contamination?	AP	4
10	Explain the method by which herbal face creams can be prepared from Turmeric	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
	Explain the role of plants in skin care. OR B) How would you develop a herbal face cream using papaya and what are its health and cosmetic advantages		
12	A) Analyse how different plant-derived compounds contribute to the development of value-added herbal products. Use suitable examples to support your answer. OR B) Analyze various uses and mode of actions of Hemp and Poppy	AN	4, 5
13	A) Evaluate the effectiveness of aromatherapy in respect to Citrus, Sandalwood, and Lavender oil OR B) Describe the effects of consumption of alcoholic and non-alcoholic beverages citing suitable examples you have studied.	EV	4, 4
14	A) Prepare a very effective herbal formulation for acne prone skin. OR B) Construct a detailed name board of ten common medicinal plants for a medicinal garden. Boards must contain specific details such as botanical name, family, useful part and medicinal uses.	CR	4, 4