



U8242

Reg. No.:

Name:.....

**University of Kerala**

First Semester Degree Examination, November 2024

Four Year Under Graduate Programme

Discipline Specific Core Course

BOTANY**UK1DSCBOT104 - PLANTS IN DAILY LIFE**

Academic Level: 100-199

Time: 1½ Hours**Max. Marks:42****Part A.****Answer All Questions Objective Type. 1 Mark Each.****(Cognitive Level: Remember/Understand)****6 Marks. Time: 6 Minutes**

Qn. No.	Question	Cognitive Level	Course Outcome (CO)
1.	Name a plant used in face creams.	Remember	CO-4
2.	Give an example of a natural fiber used in clothing.	Remember	CO-3
3.	How do plants reduce atmospheric temperature?	Understand	CO-1
4.	Name the plant used for skin care.	Understand	CO-4
5.	Write the binomial of a herb used for cough and cold.	Understand	CO-4
6.	Which is the source of alkaloid <i>caffeine</i> ?	Understand	CO-3

Part B.**Answer All Questions Short Answer. 2 Marks Each.****(Cognitive Level: Understand/Apply)****8 Marks. Time: 24 Minutes**

Qn. No.	Question	Cognitive Level	Course Outcome (CO)
7.	Write scientific names and useful parts of plants of two cash crops.	Understand	CO-4
8.	Why are Lichens known as pollution indicators?	Understand	CO-1
9.	How will you make use of the beneficial effects of <i>Ocimum sanctum</i> ?	Apply	CO-4
10.	What are the ingredients in herbal infusion?	Apply	CO-4

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) Give an account of the major herbs used as herbal medicines with their uses. OR b) Discuss the diverse applications of plant-based dyes.	Apply	CO-4 CO-4
12.	a) Investigate the potential uses of essential oil in aromatherapy. OR b) Distinguish between cereals and millet. Mention any one example of each crop with their uses.	Analyze	CO-3 CO-3
13.	a) Evaluate the economic importance of cash crops in Kerala OR b) Evaluate the therapeutic use of plant-based psychoactive drugs. Comment on their mode of action in the human body	Evaluate	CO-3 CO-4
14.	a) Name the herbs used for the formulation of fairness cream. Write down the advantages of herbal creams over synthetic creams. OR b) How to prepare a herbal infusion in our home. Briefly explain its benefits.	Create	CO-4 CO-4,5