

Reg. No.:



Y7511

Name:

University of Kerala

Fourth Semester FYUGP Degree Examination, May 2026

Skill Enhancement Courses

BOTANY

UK4SECBOT201 - Mushroom Cultivation

Academic Level: 200-299

2024 Admission

Time: 1 Hour

Max. Marks: 28

Part A. 4 Marks ,Time 5 Minutes (Cognitive Level :Remember(RE)/Understand(UN))Objective Type 1 mark each,
Answer all questions

Qn No.	Question	CL	CO
1	Name one essential amino acid found in mushrooms	RE	1
2	Name the causal organism of wet bubble disease.	RE	4
3	Why are oyster mushrooms called so based on their morphology?	UN	1
4	Why is paddy straw commonly used as a substrate in oyster mushroom cultivation?	UN	2

Part B. 8 Marks ,Time 15 Minutes (Cognitive Level :Understand(UN)/Apply(AP))Short Answer 2 marks each, Answer all questions

Qn No.	Question	CL	CO
5	Why are cleanliness and good hygiene important in a mushroom shed?	UN	3
6	Describe the role of mites in reducing mushroom yield	UN	4
7	Assess substrate for button vs. milky cultivation.	AP	3
8	Generalize how mushrooms can be used as a substitute for meat in daily meal	AP	3

Part C. 16 Marks ,Time 40 Minutes (Cognitive Level :Apply(AP)/Analyse(AN)/Evaluate(EV))Long Answer 4 marks each, Answer all questions choosing among options* within each question

Qn No.	Question	CL	CO
9	A) Apply your knowledge of mushroom morphology to draw and label a typical mushroom, and explain the function of each part. OR B) Develop a step-by-step procedure to identify if a collected mushroom is edible based on its structural features.	AP	1, 1
10	A) Describe the common diseases of mushrooms and their management practices OR B) Analyse the various disease prevention and control measures and examine their relative effectiveness in commercial mushroom cultivation.	AN	4, 4
11	A)	EV	2, 2

Qn No.	Question	CL	CO
	Evaluate the effectiveness of mushrooms as immunity boosters and recommend their inclusion in modern dietary guidelines. OR B) Evaluate the role of mushrooms in weight management and cardiovascular health. Justify their recommendation in modern lifestyle-related disease management.		
12	A) Create a stepwise chart for milky mushroom production. OR B) Create a flow chart for isolation of pure culture.	CR	3, 3