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Question Paper Code: 98A61

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2022

One Credit

Agriculture Engineering

19UAG861 – MUSHROOM CULTIVATION TECHNOLOGY

(Regulation 2019)

Duration: 1.30 hours

Maximum: 50 Marks

Answer ALL Questions

PART A - (6 x 1 = 6 Marks)

1. The umbrella shaped fruiting body above the stipe called CO1-U
(a) Cap (b) Ring (c) Cup (d) Both (b) and (c)
2. The study of fungi is called..... CO1-U
(a) Mycology (b) Plant pathology (c) Mycophagy (d) Fungiculture
3. In spawn production the boiled grains are mixed with CaCO_3 aton dry weight basis. CO2-App
(a) 2g/kg (b) 20g/kg (c) 2g/g (d) 200g/ kg
4.species of mushroom were used for cut wound healing by early Chinese CO1-U
(a) Amanitasp. (b) Ganodermsp. (c) Volvariella sp. (d) Calocybesp.
5. APK1 is a variety of mushroom CO1-U
(a) Oyster mushroom (b) Button mushroom
(c) Milky mushroom (d) Paddy straw mushroom
6. Seed material of mushroom as called CO1-U
(a) Spore (b) Spawn (c) Mycelium (d) All the above

PART – B (6 x 2= 12 Marks)

7. Write the systematic position of milky mushroom? CO1-U
8. Explain about spawn and casing? CO1-U
9. Give details about medicinal uses of mushroom? CO1-U

10. Write the short notes about care of mushroom bed? CO2-App
11. Write any five mushroom research stations in India? CO1-U
12. Write procedure for preparation of PDA medium? CO2-App

PART – C (2 x 16= 32 Marks)

13. (a) Explain about methods of spawn preparation. CO1-U (16)
- Or
- (b) How to maintain spawn quality after preparation of spawn? CO1-U (16)
14. (a) How to identify the edible and non-edible mushroom with suitable example? CO2-App (16)
- Or
- (b) Write land mark of mushroom research in India? CO1-U (16)