

GURUDAS COLLEGE

B. Sc. SEMESTER IV (Honours) Examination, 2021

Online Internal Assessment, 2021

Subject: BOTA

Subject Category: Honours

SKILL ENHANCEMENT COURSE- ELECTIVE (SEC)

Course: BOT-A-SEC-B-4-4

Course Name: MUSHROOM CULTURE TECHNOLOGY

Date of Examination: 20/07/2021 Time 4 30PM

All questions carry equal marks

Time: 30 minutes

FM:10

Answer the following (Any 5) :

2X5=10

Q1. Cyclosporin is produced from

- a) *Saccharomyces cerevisiae*
- b) *Rhizopus oryzae*
- c) *Tolypocladium inflatum*
- d) *Penicillium griseofulvum*

Q2. Spawn is

- a) Boiled paddy grain
- b) Rice straw with calcium carbonate
- c) Wheat grains with calcium sulphate
- d) Pure vegetative mushroom mycelium on a suitable medium

Q3. One of the widely cultivated edible mushrooms is

- a) *Aspergillus niger*
- b) *Pleurotus ostreatus*
- c) *Mucor pusilus*
- d) *Trichoderma viridae*

Q4. One of the components of PDA medium used for mushroom cultivation is

- a) Dextrose
- b) Malt extract
- c) Yeast extract
- d) Corn meal

Q5. Spawn running is

- a) The mixing of spawn with the compost
- b) Spawn grow to mycelial forms & colonise the compost
- c) Covering of compost bed with spawn
- d) Appearance of fruiting body initials in form of pin heads

Q6. Unusual amino acid in mushrooms

- a) Aspartic acid
- b) Glutamine acid
- c) Ornithine
- d) Proline

Q7. Casing is an important step of cultivation of

- a) Button mushrooms
- b) Paddy straw mushrooms
- c) Oyster mushrooms
- d) None of these

Q8. *Morchella esculenta* belongs to class

- a) Ascomycetes
- b) Phycomycetes
- c) Basidiomycetes
- d) Deuteromycetes

Instructions for submission of answer scripts

1. Write the front page/top sheet as per instruction.
2. Scan the pages in sequence and make a single PDF file.
3. Rename file as per instruction.
4. Email the PDF file within the stipulated time to the following

Gmail ID : bothons2020on@gmail.com
 gdccug20@gmail.com
 botasem2gdc@gmail.com