



M 9886

Reg. No. :

Name :

V Semester B.A./B.Sc./B.Com./B.B.A./B.B.A.T.T.M./B.B.A.R.T.M./B.B.M./
B.C.A./B.S.W./B.A. Afsal-UI-Ulama Degree (CCSS-Reg./Supple./Imp.)
Examination, November 2015

Open Course

5D01BOT/PLS(2) : MUSHROOM CULTIVATION AND MARKETING
(2012 Admn. Onwards)

Time : 2 Hours

Max. Weightage : 20

PART - A

Two bunches of question carrying equal weightage of one. Each bunch consists of four objective type questions. Answer all questions.

I. Fill in the blanks :

- 1) Basidiospores are borne on the ends of _____
- 2) Soaking of mushrooms in liquid for preservation is called _____
- 3) Binomial of oyster mushrooms is _____
- 4) Inky cap disease of mushrooms is caused by attack of _____

II. True or False :

- 5) Malathion is a preservative.
- 6) USA is an important mushroom consumer.
- 7) Nematodes can cause diseases in mushrooms.
- 8) Bagging can be used for long term storage of mushrooms. (W = 2×1=2)

PART - B

III. Answer any six questions in two or three sentences each. Each question carries a weightage of one.

- 9) Write a note on heterothallism.
- 10) Explain pickling.
- 11) Name two poisonous mushrooms.

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- 12) Write a note on economic return in mushroom cultivation.
- 13) What is blanching ?
- 14) Write about two mushrooms with medicinal properties.
- 15) What is freeze drying ?
- 16) Explain structure of *Agaricus basidiocarp*.
- 17) Write two short term storage method of mushroom.
- 18) Give an account on harvesting of mushrooms.

(W = 6×1=6)

PART – C

IV. Answer **any four** questions. Answer **not** to exceed **one** page. **Each** carries a weightage of **two**.

- 19) Write a note on edible mushrooms.
- 20) Give an account on pretreatment of substrate for mushroom cultivation.
- 21) Explain sexual reproduction in *Agaricus*.
- 22) Write about International Trade of mushrooms.
- 23) Write a note on composting of white button mushroom cultivation.
- 24) Explain various long term storage methods for mushrooms.
- 25) Give an account of nutritional value of mushrooms.
- 26) Explain bed method and bag method of mushroom cultivation.

(W = 4×2=8)

PART – D

V. Answer **any one** question. **Each** carries a weightage of **four**.

- 27) Illustrate life cycle of *Pleurotus*.
- 28) Write an essay on fungal and bacterial diseases of mushrooms.
- 29) Give an account on cultivation of paddy straw mushroom.

(W = 1×4=4)