

The Bodwad Sarvajanic Co-Op. Education Society Ltd. Bodwad
Arts, Commerce and Science College, Bodwad.

Question Bank

Class:- S.Y.B.S.C

Sem:-III

Subject: - (Botany)

Paper Name:- Mushroom Cultivation

1. _____ is known as temperature tolerant white button mushroom.

- a. Agaricus
- b. Pleurotus
- c. Volvariella
- d. Agaricus bitorquis**

2. Agaricus bisporus belongs to family_____.

- a. Agaricaceae**
- b. Malvaceae
- c. Rubiaceae
- d. Solanaceae

3. Basidiospores are _____ spores.

- a. exogenous**
- b. endogenous
- c. Both a and b
- d. None of these

4. _____ toxin is present in Amanita muscaria.

- a. Ibotenic acid**
- b. Lactic acid
- c. Acetic acid
- d. All of the above

5. _____ is known as 'king oyster mushroom'.

- a. Pleurotus eryngii**
- b. Volvariella
- c. Agaricus
- d. None of the above

6. Formaldehyde is used as _____ in mushroom cultivation.

- a. **Disinfectant**
- b. Fertilizer
- c. Insect repellent
- d. Food material

7. Short method of button mushroom compost preparation requires _____ days.

- a. **14-18 days**
- b. 10 days
- c. 20 days
- d. 30 days

8. What is the other name of Mushroom?

- a. Funaria
- b. Dryopteris
- c. **Agaricus**
- d. Ficus

9. To which division does Mushroom belong?

- a. **Basidiomycetes**
- b. Pteridophyta
- c. Thallophyta
- d. Mollusca

10. Mushroom is:

- a. **Saprophytic fungus**
- b. Autotrophic Algae
- c. Heterotrophic fungus
- d. None of the above

11. Mycelium produces white or colored umbrella shaped fruiting bodies called:

- a. Haplo
- b. **Basidiocarp**
- c. Annulus
- d. Seta

12. Basidiocarp consist of a fleshy stalk called _____ and umbrella like head borne on its top called _____

- a. Hyphae and Seta
- b. Seta and Annulus
- c. Annulus and Antheridia
- d. **Stipe and Pileus**

13. When young fruiting body is completely enveloped by a thin membrane, it is called

- a. Mycelium
- b. Rhizoids
- c. **Velum(veil)**
- d. Septate

14. With the growth of _____ velum gets ruptured, while a part of it remained attached to stipe in the form of ring or _____.

- a. Basidiocarp and Slender
- b. **Pileus and Annulus**
- c. Pyrenoid and Conjugation
- d. Hyaline and Pyrenoid

15. On the lower side of Pileus number of vertical plates like structure are present called _____

- a. Spores
- b. Organelles
- c. Mushroom Dryopteris
- d. **Gills**

17. It grows during _____

- a. Summer season
- b. Winters
- c. **Rainy season**
- d. In all seasons

18. An edible mushroom is a mushroom that can potentially be safely eaten.

- a. **True**
- b. False

19. Mushrooms are fruit. Do you know what kind of fruit they are?

- a. Mold
- b. **Fungus**
- c. Blackberry
- d. Cherry

20. What kind of equipment do you need to go mushrooming?

- a. **flat-bottomed basket or box**
- b. A roll of waxed paper
- c. A digging tool
- d. All of the Above

21. Two common poisonous mushrooms are the jack-o'-lantern and the green-spored Lepiota.

- a. **True**

b. False

22. Every mushroom hunter should be familiar with the three most dangerous groups of fungi.

- a. **True**
- b. False

24. Is it true that one cap of a Destroying Angel (*Amanita virosa*) can kill a man.

- a. **True**
- b. False

26. Is it true that Nicholas Evans, author of "The Horse Whisperer," was hospitalized in September for eating a rare species of poisonous mushroom while on vacation in Scotland?

- a. **True**
- b. False

27. How many species of mushrooms are known to be poisonous to humans?

- a. 50
- b. 70**
- c. 200
- d. 500

28. What percentage of mushroom poisonings are a result of misidentification?

- a. 50%
- b. 75%
- c. 80%
- d. 95%**

29. What is a symptom of mushroom poisoning?

- a. Mild nausea
- b. Vomiting
- c. Diarrhea
- d. All of the Above**

30. a destroying angel is...

- a. Edible
- b. Inedible
- c. poisonous**
- d. only edible if cooked properly

31. mushroom is...

- a. plant**
- b. mammal
- c. a insect
- d. a Fish

32. Fungi are different from plants because

- a. they lack organelles
- b. they are unable to fix CO₂
- c. they rely on absorptive nutrition
- d. they are autotrophs

33. The majority of Fungal species

- a. require external water in order to digest their food
- b. reproduce by production of embryos
- c. get their nourishment from live organisms
- d. rely on dead matter for nourishment**

34. Hyphae are

- a. the filamentous growth structures of many fungi**
- b. divided by septa in the Ascomycota and Basidiomycota
- c. divided by septa in the Oomycota
- d. surrounded by a cell wall

35. Longer method of compost preparation requires -----days

- a. 28 days**
- b. 15 Days
- c. 45 days
- d. 8 days

36. Mushroom Farm Layout requires

- a. Composting unit
- b. Prewetting area
- c. Both**
- d. None of these

37. AHU stands for a. Air Handling Unit

- b. Air Hassel Unit
- c. Aeroplane Handlind Unit
- d. None of the above

38. Spawn is the Of Mushroom a. Spores

- b. Mycellium
- c. Fruit
- d. Both a and b**

39. Cropping room consist of a. Walls

- b. Roofs
- c. Racks
- d. All of the above**

40. Components of Mushroom farm are a. Spawn unit
b. Inoculation room
c. Incubtion room
d. All of the above

41. Post harvest handling unit consist of a. Pre cooling chamber
b. Canning hall
c. Spawn
d. Both a and b

42. What is the mode of nutrition of Mushroom a. Photosynthetic
b. Chemosynthetic
c. Saprophytic
d. None of the above

43. Alternative name of Agaricus is a. Button mushroom
b. Paddy straw mushroom
c. Oyster mushroom
d. Dhingri mushroom

44. The fruit body of mushroom consists of a. Stipe
b. Pileus
c. Pedicel
d. Both a and b

45. The edible fleshy and macroscopic basidiospore or ascospore bearing fungi are known as a. Bracket fungi
b. Mushrooms
c. Toad stools
d. Parasitic fungi

46. The poisonous or inedible species of fungi are known as a. Mushrooms
b. Bracket fungi
c. Toad stools
d. Saprophytic fungi

47. Mushrooms are good source of a. Protein
b. Carbohydrates
c. Fats
d. None of these

48. The common name of Plerotus sajor kaju is a. Shitake mushroom
b. Button mushroom
c. Paddy straw mushroom

d. Oyster mushroom

49. Paddy straw mushroom is a. *Agaricus bisporus*

b. *Volvariella volvacea*

c. *Plurotus sajourkaju*

d. *Auricularia* species

50. In single zone system pick heading spawn run and cropping is done in a. One room

b. Two room

c. Separate room

d. Any two

51. The shelf life of mushroom may be extended by refrigeration at the temperature of

a. -50C to 20C

b. 10C to 40C

c. 50C to 100C

d. -20C to +20C

52. For long term storage mushrooms are stored in a. Acid solution

b. Alkaline solution

c. Salt solution

d. Alcohol

53. Which of the following species is antidiabetic a. *Amneta muscuria*

b. *Armilliaria mellea*

c. *Pleurotus sajor-kaju*

d. *Coprinus comatus*

54. In *Agaricus bisporus*, number of basidiospores in basidium are a. One

b. Two

c. Three

d. Four

55. Canning is employed for

a. **long term storage**

b. short term storage

c. both

d. none of the above

56. Preservation methods of mushrooms are

a. pickling

b. Canning

c. both

57. Following materials are used for packing of mushroom .

a. Fibre board trays

b. Polyethylene

c. Paper

d. none

58. Mushroom training centre in Tamilnadu is

- a. **Agriculture college and research institute**
- b. Angara village industries
- c. Mushroom production and training centre
- d. farmer training centre

59. Directorate of extension education, Udaypur located in

- a. **Rajasthan**
- b. Bihar
- c. Tamillnadu
- d. Bhopal

60. Dr. Y.S. Parmar, University of Horticulture and forestry located in

- a. Bhubneshwar
- b. **Himachal pradesh**
- c. Andrapradesh
- d. Manipur

61. Regional Agriculture research station Kottayam, located in

- a. **Kerala**
- b. Nagaland
- c. Andrapradesh
- d. Manipur

62. Indira Gandhi Krishi vishva Vidyalaya , located in ...

- a. Bhubneshwar
- b. **Raipur**
- c. Andrapradesh
- d. Manipur

63. Bhartiya Agri Industries Foundation, Uralikanchan located in

- a. **Pune**
- b. Bhopal
- c. Mumbai
- d. Jalgaon

64. Plurotus is also known as ..

- a. Paddy straw mushroom
- b. Dhingary Mushroom
- c. Button Mushroom
- d. **None of the above**

65. During Spawining temperature should be maintain between..

- a. **20-30**
- b. 55- 70
- c. 80-100

d. 0-10

66. *Amanita muscaria* is

- a. Edible
- b. **Poisonous**
- c. Non poisonous
- d. none of the above

67. Mushroom has

- a. Anticancer property
- b. Anti aging property
- c. Antibiotic property
- d. **All of the above**

68. Ergosterol is precursor for Vitamine

- a. A
- b. B.
- c. C.
- d. **D**

69. Chiken manure is used for the preparation of

- a. **Mushroom compost**
- b. Spawn of Mushroom
- c. Storage of Mushroom
- d. All of the above

70. Centre of Tropical Mushroom Research and Training (CTMRT)located in

- a. **Bhubneshwar**
- b. Nagaland
- c. Andrapradesh
- d. Manipur

71. The Gills on either sides bear clubbed shaped basidia which produce

- a. **Basidiocarp**
- b. Chloroplasts
- c. funaria
- d. None of these