

Arts, Commerce and Science College, Bodwad.

Question Bank

S.Y. B.Sc. Sem-III

Subject: - Mushroom Cultivation (Botany)

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. Ferus
9. To which division does it 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. Mycellium produces white or colored umbrella shaped fruiting bodies called:
- a. Haphae
 - b. **Basidiocarp**
 - c. Annalus

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 Annalus

c. Annalus adn 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 Annalus

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

16. The gills on either sides bear club shaped basidia which produce_____

a. Basidiocarp

b. Chloroplasts

c. funaria

d. None of these

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

23. To avoid mushroom poisoning, you should follow one rule.
- a. A. True
 - b. B. False
24. Is it true that one cap of a Destroying Angel (*Amanita virosa*) can kill a man.
- a. A. True
 - b. B. False
25. The shaggy mane mushroom is edible and easy to identify.
- a. A. True
 - b. 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. A. True
 - b. B. False
27. How many species of mushrooms are known to be poisonous to humans?
- a. A. 50
 - b. B. 100
 - c. C. 200
 - d. 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

a mushroom is...

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

d. a fish
31. 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

32. 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**

33. 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

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

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

35. When is second turnaround is started

- a. 10th day**
- b. 11th day
- c. 12th day
- d. 14th day

36. How many turnaround is present in Longer method of compost preparation

- a. 8**
- b. 10
- c. 12
- d. 13

37. Pasteurization process carried out in

- a. Closed environment**
- b. Open environment

38. Mushroom Farm Layout requires
- Composting unit
 - Prewetting area
 - Both**
 - None of these
39. AHU stands for
- Air Handling Unit**
 - Air Hassel Unit
 - Aeroplane Handlind Unit
 - None of the above
40. Spawn is the Of Mushroom
- Spores
 - Mycellium
 - Fruit
 - Both a and b**
41. Cropping room consist of
- Walls
 - Roofs
 - Racks
 - All of the above**
42. Components of Mushroom farm are
- Spawn unit
 - Inoculation room
 - Incubtion room
 - All of the above**
43. Post harvest handling unit consist of
- Pre cooling chamber
 - Canning hall
 - Spawn
 - Both a and b**
44. What is the mode of nutrition of Mushroom
- Photosynthetic
 - Chemosynthetic
 - Saprophytic**
 - None of the above
45. Alternative name of Agaricus is
- Button mushroom**
 - Paddy straw mushroom
 - Oyster mushroom
 - Dhingri mushroom
46. The fruit body of mushroom consists of
- Stipe
 - Pileus
 - Pedicel
 - Both a and b**

47. The edible fleshy and macroscopic basidiospore or ascospore bearing fungi are known as
- Bracket fungi
 - Mushrooms**
 - Toad stools
 - Parasitic fungi
48. The poisonous or inedible species of fungi are known as
- Mushrooms
 - Bracket fungi
 - Toad stools**
 - Saprophytic fungi
49. Mushrooms are good source of
- Protein**
 - Carbohydrates
 - Fats
 - None of these
50. The common name of *Pleurotus sajor kaju* is
- Shitake mushroom
 - Button mushroom
 - Paddy straw mushroom
 - Oyster mushroom**
51. Paddy straw mushroom is
- Agaricus bisporus*
 - Volvariella volvacea***
 - Pleurotus sajor kaju*
 - Auricularia* species
52. In single zone system pick heading spawn run and cropping is done in
- One room**
 - Two room
 - Separate room
 - Any two
53. The shelf life of mushroom may be extended by refrigeration at the temperature of
- 50C to 20C
 - 10C to 40C
 - 50C to 100C
 - 20C to +20C**
54. For long term storage mushrooms are stored in
- Acid solution
 - Alkaline solution
 - Salt solution**
 - Alcohol
55. Which of the following species is antidiabetic
- Amneta muscuria*
 - Armillaria mellea*
 - Pleurotus sajor-kaju*
 - Coprinus comatus***

56. In *Agaricus bisporus*, number of basidiospores in basidium are

- a. One
- b. Two
- c. Three
- d. Four**

58. Canning is employed for

- a. long term storage**
- b. short term storage
- c. both
- d. none of the above

59. Preservation methods of mushrooms are

- a. pickling
- b. Canning
- c. both**
- d. None of the above

60. Following materials are used for packing of mushroom ..

- a. Fibre board trays**
- b. Polyethylene
- c. Paper
- d. none

61. 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

62. Directorate of extension education, Udaypur located in

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

63. Centre of tropical mushroom research and training (CTMRT) located in
a. Bhubneshwar
b. Nagaland
c. Andrapradesh
d. Manipur
64. Dr. Y.S. Parmar, University of Horticulture and forestry located in
a. Bhubneshwar
b. Himachalpradesh
c. Andrapradesh
d. Manipur
65. Regional Agriculture research station Kottayam, located in
a. Kerala
b. Nagaland
c. Andrapradesh
d. Manipur
66. Indira Gandhi Krishi vishva Vidyalaya , located in ...
a. Bhubneshwar
b. Raipur
c. Andrapradesh
d. Manipur
67. Bhartiya Agri Industries Foundation, Uralikanchan located in
a. Pune
b. Bhopal
c. Mumbai
d. Jalgaon

68. Chicken Mannure is used for the preparation of

a. Mushroom compost

b. Spawn of Mushroom

c. Storage of Mushroom

d. All of the above

69. Plurotus is also known as ..

a. Paddy straw mushroom

b. Dhingary Mushroom

c. Button Mushroom

d. None of the above

70. During Spawining temperature should be maintain between..

a. 20-30

b. 55- 70

c. 80-100

d. 0-10

71. *Amanita muscaria* is

a. Edible

b. Poisonous

c. Non poisonous

d. none of the above

72. Mushroom has

a. Anticancer property

b. Anti aging property

c. Antibiotic property

d. All of the above

73. Brown coloured dye is obtained from ..

a. Polyporus bispidus

b. Agaricus bisporus

c. Gonoderma frondosa

d. Amanita muscaria

74. Economically important mushrooms are

a. Coprinus comatus

b. Gonoderma applanatum

c. Both a and b

d. None of the above

75. Ergosterol is precursor for Vitamine

a. A

b. B.

c. C.

d. D