

**FIFTH SEMESTER B.A./B.Sc./B.Com./B.B.A. DEGREE EXAMINATION
NOVEMBER 2016**

(CUCBCSS—UG)

Open Course

BOT 5D 02—APPLIED BOTANY

Time : Two Hours

Maximum : 40 Marks

Section A

*Answer all questions.
Each question carries 1 mark.*

1. Name an orchid which is commonly grown as an ornamental.
2. What is the generic name of the medicinal plant called Amla.
3. Which state is having the maximum area for cultivation of Banana ?
4. ~~Cotton fibre is obtained from the~~ _____ ~~part of the cotton plant.~~
5. ~~Sesamum~~ is a/an _____ ~~yielding plant.~~
6. Write the binomial name of Teak.
7. Write the name of a commonly cultivated mushroom.
8. 'MS' medium is used for tissue culture. Write the expansion of 'MS'.
9. Write an example for a **cytokinin** used in **Micropropagation**.
10. Write an example for a nitrogen fertilizer.

(10 x 1 = 10 marks)

Section B

*Answer all questions.
Each question carries 2 marks.*

11. Give *two* examples of organic manures ?
12. Define Seed dormancy ?
13. What is the importance of **Azolla** in rice cultivation ?
14. Name a microbial **biopesticide** ?
15. What is the common method for vegetative propagation of rubber ?
16. What is laterite soil ?

Turn over

17. What are the advantages of polythene bags as containers for planting ?
18. Write the composition of common potting mixture.
19. What is **Olericulture** ?
20. Why chemical pesticides are not at all recommended for food crops ?

(10 x 2 = 20 marks)

Section C

*Answer **two** questions.
Each question carries 5 marks.*

21. Discuss the advantages and disadvantages of Seed propagation and Vegetative propagation.
22. What are the advantages of **micropropagation** over conventional propagation methods ?
23. Compare the advantages and disadvantages of Chemical fertilizers and Organic fertilizers ?

(2 x 5 = 10 marks)