

**(2024/FYUG/ODD/SEM/
BOTIDC-201T/081**

FYUG Odd Semester Exam., 2024

BOTANY

(3rd Semester)

Course No. : BOTIDC-201T

(Plants and Traditional Knowledge)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

UNIT—I

1. Answer any four from the following : 1×4=4

- (a) What is traditional knowledge?
- (b) Who is the father of Ayurveda?
- (c) What is the study of Siddha?
- (d) What is Unani system of medicine?
- (e) Write the full form of AYUSH.

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(Turn Over)

(2)

2. Write a short note on Ayurveda. 2
- OR
3. Write two important scopes of traditional system. 2
4. Write in detail about the role of AYUSH in promoting scientific exploration of traditional knowledge. 8
- OR
5. Write in brief about the concept and importance of traditional system of treatment in Siddha Medicine System. 8

UNIT—II

6. Answer any four from the following : 1×4=4
- (a) What is ethnobotany?
- (b) Name two dominant tribes of Assam.
- (c) Write the scientific name of Tulsi.
- (d) Write the two uses of Arjun plant.
- (e) What do you mean by ethnic tribes?
7. Write the uses of Sarpagandha. 2
- OR
8. Write the name of two ethnic tribes of Meghalaya. 2

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(3)

9. Write in detail about the method and materials of ethnobotanical investigation. 8
- OR
10. Write the name of five ethnomedicinal plants and their uses. 8

UNIT—III

11. Answer any four from the following : 1×4=4
- (a) Write the full form of IPR.
- (b) What is PIC?
- (c) Name two ethnic food of Assam.
- (d) What is community knowledge?
- (e) What is food preservation?

12. Write a note on bio-cultural knowledge. 2

OR

13. Write two examples of Intellectual Property Right. 2
14. Give a brief account on Intellectual Property Rights. 8

OR

15. Discuss the bio-cultural knowledge and skills among the ethnic groups of North-East India. 8

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(4)

UNIT—IV

16. Answer any four from the following : 1×4=4

- (a) What is climate change?
- (b) What is conservation?
- (c) What is forestry?
- (d) What are natural resources?
- (e) What is sustainable management?

17. Write a short note on agro-diversity. 2

OR

18. Write a short note on role of TK in conservation. 2

19. Describe the role of traditional knowledge in conservation and management of agro-diversity. 8

OR

20. Write a note on community knowledge on sustainable management of natural resources. 8

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(5)

UNIT—V

21. Answer any four from the following : 1×4=4

- (a) What is documentation?
- (b) What is *ex-situ* conservation?
- (c) What is field exploration?
- (d) What is *in-vitro* conservation?
- (e) What is gene bank?

22. Write a note on scientific validation. 2

OR

23. Write a short note on policy implication. 2

24. "India as vast reservoir of traditional knowledge." Discuss. 8

OR

25. Write an account on application of modern tools and technique in conservation of traditional knowledge. 8

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