

**2025/FYUG/ODD/SEM/
BOTIDC-201T/228**

FYUG Odd Semester Exam., 2025

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

Answer any *four* of the following questions :

1×4=4

- (a) Mention one importance of traditional knowledge.
- (b) What is the source of Ayurvedic system of treatment?
- (c) Name one medicinal plant used in Unani system of medicine.

(2)

- (d) Mention one role of AYUSH in promotion of traditional knowledge.
- (e) Where was Siddha system of medicine first practised?

2. Answer any one of the following questions :

(a) Write two important benefits from Ayurvedic system of treatment.

(b) Write a short note on Unani system of treatment.

3. Answer any one of the following questions :

(a) Write, in brief, the concept and importance of Ayurvedic system of treatment.

(b) Write, in detail, about the importance and role of AYUSH in promoting scientific exploration of traditional knowledge.

UNIT—II

4. Answer any four of the following questions : 1×4=4

(a) Define ethnobotany.

(b) What is the scientific name of Basak?

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(3)

- (a) Name two dominant tribes of Meghalaya.
- (b) Name one medicinal use of turmeric.
- (c) Name the family to which Tulsi belongs.

5. Answer any one of the following questions : 2

(a) Write the scientific name of Arjun along with one medicinal use.

(b) Write two importances of ethnobotany.

6. Answer any one of the following questions : 8

(a) Write, in brief, about the materials and methods used in ethnobotanical investigation.

(b) Write, in brief, about two dominant tribes of Assam. 4+4=8

UNIT—III

7. Answer any four of the following questions : 1×4=4

(a) What is the full form of PIC?

(b) What is biocultural knowledge?

(c) Name one ethnic food of Manipur.

(d) What is the full form of IPR?

(e) Name one food item which is preserved by ethnic people of Assam.

(Turn Over)

(4)

8. Answer any one of the following questions :
(a) Write a short note on community knowledge.
(b) Write a short note on PIC.

9. Answer any one of the following questions :
(a) Write, in brief, about the food preservation technique by ethnic people.
(b) Write short notes on the following :
(i) Benefit-sharing
(ii) IPR

UNIT—IV

10. Answer any four of the following questions :

- (a) What is cultural diversity?
(b) What is community knowledge?
(c) What are natural resources?
(d) What is agro-diversity?
(e) Name one impact of climate change.

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(5)

11. Answer any one of the following questions :
(a) Write a short note on cultural diversity.
(b) Mention two ways by which traditional knowledge manages the forestry.

12. Answer any one of the following questions :
(a) Write a note on the role of traditional knowledge in conservation of agro-diversity.
(b) Briefly describe the role of community knowledge in sustainable development.

UNIT—V

13. Answer any four of the following questions :
1×4=4

- (a) Define scientific validation.
(b) What is *in situ* conservation?
(c) What is the use of documentation?
(d) Define gene bank.
(e) What is field exploration?

(Turn Over)

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14. Answer any *one* of the following questions :

- (a) Write a note on documentation.
- (b) Write two needs of conservation of traditional knowledge.

15. Answer any *one* of the following questions :

- (a) Write the applications of modern tools and techniques in conservation of traditional knowledge.
- (b) Write briefly on the policy implications in traditional knowledge.

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