

S.NO: 22N1- UZI

Course Code: VAMZ1

A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

(AUTONOMOUS)

B.Voc (Marine) Degree Examination

VI Semester – November – 2022

VA I – AZOLLA CULTIVATION

Time: 3 hours

Maximum Marks: 100

Section –A

10X2=20

Answer **ALL** the Questions

1. Write a note on *Azolla* sp.
2. What is mosquito fern?
3. State the symbiotic association of *Azolla* sp.
4. Define biofertilizer.
5. How does *Azolla* sp. reproduce?
6. What is microplot?
7. What is *Azolla* media?
8. Highlight the agricultural significance of *Azolla pinnata*.
9. How does *Azolla* sp. act as green manure?
10. How much green manure does *Azolla* produce?

Section -B

5X6=30

Answer **any FIVE** Questions

11. a) Inspect the historical development of *Azolla* sp.

(or)

b) “*Azolla* sp has enormous potential as a livestock feed” – Justify.

12. a) “*Azolla* sp. as Biofertilizer in rice field ecosystem” Explain.

(or)

b) Compare the steps involved in pit preparation for *Azolla* sp. cultivation.

13. a) List out the factors affecting the growth of *Azolla* sp.

(or)

b) Enumerate the various limitation of *Azolla* sp. cultivation.

14. a) Categorize various types of *Azolla* media.

(or)

b) Demonstrate the *Azolla* cultivation and its maintenance.

15. a) List out the medicinal values of *Azolla* sp.

(or)

b) Analyze the steps involved in large scale production of *Azolla* sp.

16. a) List out the characteristic features of *Azolla* sp.

(or)

b) Examine different species of *Azolla* with suitable examples.

17. a) Summarize the morphological structure of *Azolla* sp.

(or)

b) Explain the materials required for *Azolla* sp. growth.

18. a) Inspect the various advantages of *Azolla* sp. cultivation.

(or)

b) Analyze the applications of *Azolla* sp. in cattle feed.

Section -C

5 X 10 = 50

Answer any **FIVE** Questions

19. Examine systematic classification of *Azolla* sp with suitable examples.
20. Summarize the economic importance of *Azolla* sp.
21. Demonstrate the various steps involved in mass cultivation of *Azolla* sp.
22. Evaluate the chemical composition of *Azolla* media.
23. Inspect the selection of location and pond for *Azolla* sp cultivation.
24. Illustrate the harvesting methods and techniques with a neat diagram.
25. Evaluate the various steps involved in processing the *Azolla* sp.
26. Outline the techniques required for marketing the products of *Azolla*.

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