



RAN-2203080401030002

M.Sc. Botany (NON - NEP)(Sem. I) Examination November - 2025

Phycology And Lichen

[Total Marks:70

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) Sketch neat and labelled diagram wherever necessary.
- (3) Figures to the right indicate full marks of the question.
- (4) All questions are compulsory

Seat No.:

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Student's Signature

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| Q. 1 | Describe
Similarities and dissimilarities of algae with fungi and Bryophytes. | 16 |
| Q. 2 | Describe (Any Two)
1. Morphology and cell structure of <i>Fucus</i> .
2. Reproduction in <i>Usnea</i> .
3. Habits and habitats of Algae. | 18 |
| Q. 3 | Describe (Any Two)
1. Morphology and Reproduction in <i>Lyngbya</i> .
2. Vegetative reproduction in Algae.
3. Ecological importance of Lichens. | 18 |
| Q. 4 | Describe (Any One)
1. Fritsch's system of Algae classification
2. Origin and evolution of sex in Algae
3. Cell structure and Reproduction in <i>Lyngbya</i> | 18 |