

RAN-2503000504066001 / 2503001304066003
S.Y.B.Sc. (NCF-NEP) (Sem. IV) Examination April - 2026
Microbiology : MB-SEC-401 Algal Growth & its Application (Theory)
[Total Marks: 13
મૂલ્યના : / 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 whenever necessary.
- (3) Figure to the right indicate full marks of the question.
- (4) All questions are compulsory.

Seat No.:

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Student's Signature

Q. 1 Answer the following questions. (Any Thirteen)
(13)

1. Name the two major types of carotenoids.
2. Which flagellum type is smooth and lacks hairs?
3. What do you mean by zoospores?
4. The Sargasso Sea is famous for the abundance of which alga?
5. Which green alga is known as the mermaid's wine goblet?
6. Define enrichment culture.
7. List the media used to cultivate marine algae.
8. Chondrus is commonly known as _____.
9. Which algal product is used in dental impressions?
10. What is the main application of Spirulina in human nutrition?
11. Which cyanobacteria is free-living and fixes nitrogen in paddy fields?
12. Mention any 2 application of carrageenin.
13. Name the brown alga used by physicians for cervical dilatation and softening of cervix.
14. Give the full form of SCP.