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PG (NEW) CBCS
M.Sc. Semester-IV Examination, 2020
BOTANY
PAPER: BOT 497
GRAND VIVA

Full Marks: 25

Answer any one question within 250 words.

50X1=50

1. Write down the role of bryophytes as bio-indicator.
2. What is numerical systematics and how is it different from the traditional one?
3. What is linkage? Does linkage contradict Mendelism?
4. Mention the different methods of breaking seed dormancy.
5. Mention different aspects of ecological niche. How is it different from habitat?
6. Write a note on continental drift hypotheses.
7. Mention different types of mycorrhiza and discuss their uses.
8. Write note on types of thallus structure found in ascomycetes.
9. What are different types of pigments and reserved food materials found in algae.
10. Mention economic importance of pteridophytes and gymnosperms.
11. What is active principle? Mention different active principles found in *Chinchona* and *Adhatoda*.
12. Write down the different anomalous secondary structures found in angiosperm stems.
