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SUBJECT CODE NO:- B-2028
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. S.Y. (Sem-III) Examination Oct/Nov 2019
Botany Paper-VIII
Plant Ecology

[Time: 1:30 Hours]

[Max.Marks:50]

Please check whether you have got the right question paper.

- i) Attempt all questions.
- ii) Draw neat & well labelled diagram whenever necessary.

- Q.1 Give an account of major soil types of India? 20
 OR
 Give an account of soil conservation?
- Q.2 Explain in detail the vegetation types of India. 20
 OR
 Write short notes (Any Four)
- a) Epiphytes
 - b) Food Chain
 - c) Phosphorus Cycle
 - d) Community Characteristics
 - e) Pyramid of energy
 - f) Chemical properties of water
- Q.3 Multiple Choice Questions. 10
1. Ranunculus is a
 - a) Free floating hydrophyte
 - b) Rooted emergent hydrophyte
 - c) Succulent
 - d) Halophyte
 2. Sclerenchyma is well developed in

(a) Casuarina	(b) Aloe vera
(c) Bryophyllum	(d) Opuntia
 3. Mangroves beach forest occur at

(a) Assam	(b) Malabar
(c) Andaman	(d) Central India
 4. Space between soil particle is called

(a) Pore space	(b) roots
(c) Velamen	(d) Water
 5. Shade tolerant species of plant is called as

(a) Heliophyte	(b) Sciophyte
(c) Hydrophyte	(d) Xerophyte

6. Plants grow in dry habitat are called as

(a) Hydrophyte	(b) Halophyte
(c) Mesophyte	(d) Xerophytes

7. Energy flow in ecosystem is

(a) Multidirectional	(b) Unidirectional
(c) Bidirectional	(d) None of these

8. Which is not a factor of abiotic ecosystem.

(a) Temperature	(b) Decomposer
(c) Sunlight	(d) Water

9. Which is the following not producer

(a) Mushroom	(b) Fern
(c) Sea weed	(d) Monocotyledons

10. Generally food chain has how many trophic levels.

(a) One	(b) Two
(c) Three	(d) Four