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SUBJECT CODE NO:- 2069
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. T.Y Sem. V
Examination March/April-2022 (To Be Held In June/July-2022)
Zoology Paper- XV
(Ecology)

[Time:1:53
Hours]

[Max.Marks:50]

Please check whether you have got the right question paper.

- N.B
- i) Attempt all questions
 - ii) Illustrate your answer with suitable labelled diagram.

Section A

Q.1 Explain in detail the concept and variation of light in different environment. 20

OR

Define competition. Describe the types of competition with suitable Examples.

Q.2 What is community succession? 20

Explain with examples of succession and climax:

OR

Write short notes on any four of the following.

- a) Adaption to salinity
- b) Parasitism
- c) Nataliy
- d) Ecological niche
- e) Food web
- f) Desert Ecosystem

Q.3 Select and write correct answer from the given alternatives in each sub question. 10

- 1) The term ecosystem was coined by _____
 - a) Harvy
 - b) Tansley
 - c) Griffth
 - d) Hqwrod
- 2) Biotic factors are _____
 - a) Chemical factor of soil with effect light life
 - b) Physical factor of soil with effect life
 - c) All living organism which influence other organism
 - d) Factor of atmosphere which effect life
- 3) A pond is _____
 - a) Abcome
 - b) Natural ecosystem
 - c) Artificial ecosystem
 - d) A community of plants & animals.
- 4) Association of sea Anemone with Hermit crab living in gastro rod shell in an example _____
 - a) Mutualism
 - b) Symbosis

- c) Commensalism
d) Parasitism
- 5) The team ecology was foretly proposed by _____
a) Wallare
b) Cleake
c) Haeckel
d) Odum
- 6) Natural place where the organisms or communities live is known as _____
a) Niche
b) Habitet
c) Habit
d) Biome
- 7) If weak partner is benefited on a strong partner damaged. The relation is known as _____
a) Parasitism
b) Symbiosis
c) Commensalism
d) Mutualism
- 8) Symbosis means _____
a) Harmful relationship between two organism
b) A process advantages only one
c) Mutually beneficial partner
d) None of these
- 9) In the food chain the saprophytic organism are _____
a) Producer
b) Consumer
c) Predator
d) Decomposer
- 10) Which must be pressured in an ecosystem If the system is to be maintained _____
a) Producer are carnivores
b) Producer are decomposers
c) Carnivores and decomposers
d) Herbivores and carnivores