

M.Sc. Semester - 3 (CBCS) Examination
Oct/Nov. - 2018
Zoology – 317 Animal Ecology (Elective)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que-1 Answer the following. (any 7 out of 10) (Each 02 Marks)
1. Define : Ecology
 2. Define : Biofouling
 3. What is mortality?
 4. What is unit area organism?
 5. Define : Food web
 6. What is parasitism?
 7. What is Red Tide?
 8. Define : Intertidal zone
 9. Define : Benthos
 10. What is an indicator organism?
- Que-2 Answer the following. (Any 02 out of 03) (Each 07 Marks)
1. What are levels of organization in population ecology? Describe briefly.
 2. Write a short note on population dispersal.
 3. Write a short note on the community structure.
- Que-3 Answer the following. (Each 07 Marks)
1. Briefly describe the ecological niche.
 2. Write a brief description of predation and prey population.
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1. What are animal defenses against predation?
 2. Write a short note: Mimicry and Camouflage.
- Que-4 Answer the following. (Each 07 Marks)
1. Describe the physic-chemical and biological factors of intertidal zone.
 2. Write about importance of study of population structure with marine food web.
- Que-5 Answer the following. (Each 07 Marks)
1. How anthropogenic activity affects environment? Describe in detail.
 2. Explain activities of coastal development in India.
