

M.Sc. (Zoology) Semester - 2 (CBCS) Examination
August/September -2020 [OLD COURSE]
ENVIRONMENTAL SCIENCE (CORE)

Time: 2:00 Hours**Marks: 56****Instructions:**

1. Figure to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any four of the following questions.

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- Que-1 Answer the Following. (Any seven out of ten question.) (14)
1. Draw a food chain of marine habitat.
 2. Explain degradation of different insecticides.
 3. What are biomes?
 4. Explain the importance of National park.
 5. Name a few environmental problems.
 6. How soil pollution can be controlled?
 7. How GIS works?
 8. Draw three pyramids of Energy.
 9. What is EIA?
 10. List out primary and secondary pollutants.
- Que-2 Answer the Following. (Any two out of three) (14)
1. Describe the Ecosystems and Pathways in Ecosystems.
 2. Describe Atmospheric stability and windroses.
 3. Explain structure and composition of hydrosphere and Lithosphere.
- Que-3 Answer the following. (14)
1. Describe community ecology in detail.
 2. Explain Biomes of the world.
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- Que.3 Answer the following.
1. Describe biotic and abiotic components.
 2. Describe sanctuaries and national parks of Gujarat.
- Que.4 Answer the following. (Any two out of three) (14)
1. Write short note on waste water treatment.
 2. Explain prey – predator relationships with examples.
 3. Describe global warming and its effects.
- Que-5 Write short note on any two out of four. (14)
1. Impact assessment methodologies.
 2. GIS and its applications.
 3. Environment management plan.
 4. Impact analysis.
