

M.Sc. (Micro) Semester - 2 (CBCS) Examination
May/June-2022 (OLD COURSE)
ENVIRONMENTAL SCIENCE (CORE)

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

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

Que. 1 Answer the Following. (Any seven out of ten questions.) (14)

- (1) What is the importance of Botanical Garden?
- (2) Explain degradation of different insecticides.
- (3) Name a few biomes.
- (4) Explain the importance of sanctuary.
- (5) How environmental problems arises?
- (6) What are the effects of pollutants on animals?
- (7) How GIS works?
- (8) Draw three pyramids of Energy.
- (9) Explain EIA as job opportunity.
- (10) List out Impact Assessment methodologies.

Que. 2 Answer the Following. (Any two out of three) (14)

- (1) Describe geographical classification and zone.
- (2) Describe Atmospheric stability, inversions and mixing heights.
- (3) Explain structure and composition of atmosphere, hydrosphere and lithosphere.

Que. 3 Answer the Following. (14)

- (1) Describe Human ecology and human settlement in detail.
- (2) Explain any three biomes.

[OR]

Que. 3 Answer the Following.

- (1) Describe ecological pyramids.
- (2) Describe parasitism and prey-predator relationships.

Que. 4 Answer the Following. (Any two out of three) (14)

- (1) Write short note on Gas laws governing the behaviour of pollutants in the atmosphere and Methods of monitoring and control of air pollution.
- (2) Explain acid rain and air quality Standards.
- (3) Describe global warming and clean development mechanism.

Que. 5 Write short note on any two out of four. (14)

- (1) Impact assessment methodologies.
- (2) Application of GIS in environmental management.
- (3) Environment management plan.
- (4) Impact analysis.
