

**MA / M.Sc. GEOGRAPHY
FIRST SEMESTER
ENVIRONMENT & ECOLOGY
MGE – 104**
[USE OMR SHEET FOR OBJECTIVE PART]

**SET
B**

Duration : 1.30 hrs.

Full Marks : 35

(Objective)

Time: 15 min.

Marks: 10

Choose the correct answer from the following:

1X10=10

- Who coined the term 'ecology'?
 - Ellen Richard
 - Eugene Odum
 - Earnest Haeckel
 - Charles Darwin
- A wide variety of living organism is called
 - Population
 - Biodiversity
 - Habitat
 - Diversity
- _____ is one of the most prevalent hotspots of biodiversity in India.
 - Himalayas
 - Western Ghats
 - Ganges
 - None of the above
- _____ is an example of an ex-situ conservation.
 - Sacred grove
 - Wildlife sanctuary
 - Seed bank
 - National park
- _____ is not generally seen in biodiversity hotspots.
 - Endemism
 - Species richness
 - Loss of diversity
 - Lesser inter specific competition.
- Global warming can significantly be controlled by _____.
 - Increasing solid waste
 - Reducing water wastage
 - Burning human-generated waste
 - Reducing fossil fuel consumption
- An ecosystem consist of
 - Only living organisms
 - Living organism and physical factors
 - Only insects
 - Only physical factors
- What is the characteristics of each type of ecosystem
 - Interaction between biotic and abiotic factors
 - Interaction between abiotic factors
 - Interaction between living things
 - Fight among individuals

9. Animals that consume both plant and animal matter are referred as
- a. Carnivores
 - b. Herbivores
 - c. Omnivores
 - d. Omni-carnivores
10. Which of the following is an abiotic component of a pond?
- a. Bacteria
 - b. Water
 - c. Fungi
 - d. Fishes

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(Descriptive)

Time : 1 hr. 15 mins.

Marks : 25

[Answer question no.1 & any two (2) from the rest]

1. What is Biosphere? Discuss about the components of Biosphere. 5
2. What is ecosystem? Explain the structural features or components of ecosystem. 10
3. What do you mean by environment? Discuss the significance of environment upon the population of an area. 10
4. What is air pollution? Discuss the causes of air pollution. 2+8=10
5. Define biodiversity? Discuss the conservation and threats of biodiversity. 2+4+4=10

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