



DJ-003-001633

Seat No. _____

B. Sc. (Sem. VI) (CBCS) (W.E.F. 2010) Examination

March – 2022

MB - 603 : Environmental Science

(Old Course)

Faculty Code : 003

Subject Code : 001633

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Instructions :** (1) All questions are Compulsory.
(2) Figures on the right indicate total marks of the question.
(3) Draw neat Diagrams wherever necessary.

1 Answer specifically : 20

- (1) What is a natural resource?
- (2) Give two examples of Energy resource.
- (3) A renewable resource is _____
- (4) Give an example of non-renewable energy resource formed from the remains of organisms that lived long ago.
- (5) Define: Ecosystem.
- (6) Define: Biotic factors
- (7) What do you mean by: Ecad?
- (8) What is Ecological Niche?
- (9) Define: Biodiversity
- (10) Define: Biodiversity Hotspot
- (11) What is Keystone Species?
- (12) Define: Genetic Diversity
- (13) Define: Pollution

- (14) Name two pollutants that causes air pollution
- (15) Give two example of land pollutant
- (16) What do you mean by nuclear hazards?
- (17) Define: Global Warming
- (18) What is 'Project tiger'?
- (19) Enlist various layers of Atmosphere
- (20) Define: Deforestation

- 2 (A) Answer Any Three : 6**
- (1) What are Mineral Resources? Answer giving suitable example.
 - (2) Write about types of Ecosystem.
 - (3) Write about importance of Biodiversity
 - (4) Define Noise pollution and state its effects on human health
 - (5) Enlist various agents responsible for ozone depletion
 - (6) Define : Alternative energy resource giving suitable examples
- (B) Answer Any Three : 9**
- (1) Describe Resource utilization.
 - (2) Discuss: Energy flow in Ecosystem.
 - (3) Discuss Genetic diversity giving suitable example
 - (4) Explain the causes and control of thermal pollution
 - (5) What are the Issues involved in enforcement of environmental legislation?
 - (6) What is the structure of an ecosystem?
- (C) Answer Any Two : 10**
- (1) Forest resources.
 - (2) Functions of Ecosystem
 - (3) Methods of conservation of Biodiversity
 - (4) Solid Waste Management
 - (5) Wild life Protection Act

- 3 (A) Answer Any Three : 6**
- (1) What are Energy resources? How are they classified?
 - (2) What is Food Chain? What are its types?
 - (3) Enlist various threats to biodiversity
 - (4) What is Marine pollution? What are the effects of it?
 - (5) What is Climate change? State its causes
 - (6) Enlist various causes of global warming
- (B) Answer Any Three : 9**
- (1) Discuss effects of mining.
 - (2) Discuss: Ecological Successions
 - (3) What are biodiversity hotspots? Enlist various Biodiversity hotspots present in India
 - (4) Explain the causes and control of Land pollution
 - (5) Write salient features of Environment Protection Act.
 - (6) Discuss the benefits of biodiversity
- (C) Answer Any Two : 10**
- (1) Water resources.
 - (2) Food chain and food web, ecological pyramids
 - (3) India as a mega diversity nation.
 - (4) Water pollution
 - (5) Forest conservation Act
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