

2025

(November-December)

ZOOLOGY

Paper: GEC-ZOO-101

Natural Resources Management

Time: 2½ Hours

Total Mark: 60

Pass marks: 18

(The figures in the right margin indicate full marks of the questions)

1. Fill in the blanks: 1×6 = 6
 - i. Fossil Fuel is (Renewable/ Non-renewable) resources.
 - ii. Full form of EIA is _____.
 - iii. In the term Biodiversity, "Diversity" means _____.
 - iv. Electricity is an example of (primary/secondary) energy.
 - v. _____ is an example of a National Park in Assam.
 - vi. Full form of IUCN is _____.
2. Differentiate between (*any three*): 3×3 = 9
 - i. Air pollution & Water pollution.
 - ii. Ex-situ Conservation and In-Situ Conservation
 - iii. Wildlife Sanctuaries and Natural Parks
 - iv. Biosphere Reserves and scared Groves.
 - v. Renewable and non renewable sources of energy.
3. Write short notes on (*any three*): 5×3 = 15
 - i. Biodiversity Hotspot
 - ii. Economic sustainability
 - iii. Freshwater Resources
 - iv. Land as Resource.
 - v. GIS

4. Define Natural Resources and explain renewable and non-renewable resources. 1+1+4=9

OR

What are the natural resources of North East India. Explain. 2+7=9

5. Define Waste Management. Explain the national and international efforts given in resource management and conservation. 1+4+4=9

OR

Define Air pollution. Explain the threats resulting in Air pollution. Give a brief note on the management strategies on air pollution.

2+3+4=9

6. What do you mean by Biodiversity? What are the different types of Biodiversity? Explain the threats faced by Biodiversity. Give the Management strategies to be followed while protecting biodiversity.

2 + 3 + 4 + 3 = 12

OR

Define Soil Degradation. What are the causes and effects of soil degradation? Explain the management strategies for mitigating soil degradation. 2+4+3+3=12
