

Q.P. Code :32335

[Time: 2:30 Hours]

[ Marks:75]

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory
  2. Figures to right indicate full marks.
  3. Draw diagram where necessary.

Q.1 A) Fill in the blanks: (any eight)

08

1. ----- refers to the highest and lowest elevation points in an area.
  - a) Relief
  - b) Geology
  - c) Location
2. ----- is formed through rock weathering.
  - a) Water
  - b) Air
  - c) Soil
3. Over irrigation causes problems like ----- of soil.
  - a) Acidity
  - b) Salinity
  - c) Fertility
4. Information on location and time provided through space based navigation system is called -----.
  - a) GPS
  - b) Remote sensing
  - c) GIS
5. ----- is to inform decision makers the impact of a proposal before decision is made.
  - a) Environment management
  - b) Environmental impact assessment
  - c) Environmental audit
6. ----- is responsible for the beauty of a landscape.
  - a) Animals
  - b) Plants
  - c) Biodiversity

Q.P. Code :32335

7. ----- resources are found everywhere.
    - a) Ubiquitous
    - b) Potential
    - c) Renewable
  8. Incomplete fuel combustion in motor vehicles releases -----.
    - a) H<sub>2</sub>O
    - b) SO<sub>x</sub>
    - c) CO
  9. By-Catch is the portion of the catch that is not the ----- specific.
    - a) Target
    - b) Non-target
    - c) Demand
  10. ----- is the major cause of enhanced greenhouse effect.
    - a) Acid rain
    - b) Deforestation
    - c) Mining
- B) State whether the following statements are True or False: (any seven)
1. Autotrophs are living things who are unable to produce their own food.
  2. Trees acts as a carbon sink.
  3. Fossil fuels are clean source of energy.
  4. LED's are energy efficient lights.
  5. Thermal shock can kill aquatic animals.
  6. Waste management audit is an example of Issues audit.
  7. Manufacturing is an activity involved in primary sector.
  8. Energy derived from heat stored in the earth's crust is called geothermal energy.
  9. Biome is a set of ecosystems sharing the same climate and similar dominant communities.
  10. Biotic components include physical conditions and non-living resources.

07

Q.P. Code :32335

- Q.2 a) Define Environment and describe its various components. 15  
OR  
a) Explain the values of biodiversity. 08  
b) Explain the functioning of an ecosystem with respect to flow of energy. 07
- Q.3 a) Give the detail classification of resources. 15  
OR  
a) What are the issues related to soil resources? 08  
b) Discuss the measures to conserve energy. 07
- Q.4 a) Agriculture has damaged the natural ecosystem to a great extent. Comment. 08  
b) What are the different types of economic activities? 07  
OR  
a) Explain the environmental impact of overfishing? 08  
b) What are the objectives and scope of environmental studies? 07
- Q.5 Explain what is environmental audit? Discuss various types of audit. 15  
OR  
Write short notes (any three)  
i) Food web 15  
ii) Rain water harvesting  
iii) Global warming  
iv) GPS and remote sensing  
v) EIA