

Q.P. Code :32336

[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 with appropriate words: (any eight) 08

1. India has ----- biogeographic zones.
 - a) 8
 - b) 9
 - c) 10
2. ----- is a set of ecosystems sharing the same climate and similar dominant communities.
 - a) Lithosphere
 - b) Biome
 - c) Biodiversity
3. ----- is a natural thing that exists in nature but the use of it is not known to man.
 - a) Endowment
 - b) Resource
 - c) Matter
4. Mechanization in agriculture is one of the main reasons for soil -----.
 - a) Infertility
 - b) Pollution
 - c) Compaction
5. Quinary sector includes -----.
 - a) Executives
 - b) Clerks
 - c) Farmers
6. ----- has lead to extinction of many fishes.
 - a) Breeding
 - b) Rainfall
 - c) Overfishing

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7. MoEF has created information system called -----.
 - a) GIS
 - b) ENVIS
 - c) RS
8. ISO ----- is related to environmental management.
 - a) 14000
 - b) 9000
 - c) 16000
9. Energy ----- is defined as saving energy but keeping the same level of service.
 - a) Conservation
 - b) Generation
 - c) Efficiency
10. ----- audit is carried out as a management tool to solve environmental problems.
 - a) Liability
 - b) Technical
 - c) Compliance

B) State whether the following statements are True or False: (any seven)

07

1. Relative location is designed using specific pairing of latitude and longitude.
2. Vegetation influences climate at micro and macro levels.
3. Ecosystem diversity is variety of different versions of the same genes within a species.
4. Peat is the lowest rank of coal.
5. Gene bank is an in-situ method of conservation.
6. Environmental audit is to inform decision makers the impact of a proposal before decision is made.
7. Extraction of raw material is a secondary activity.
8. India is the third largest producer of coal in the world.
9. Energy flow in an ecosystem is multi directional.
10. Ecology is an earth science comprising the study of solid earth.

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- Q.2 a) Explain the structure and function of an ecosystem. 15
OR
a) What is environment? Discuss the abiotic components of the environment. 08
b) Discuss the factors responsible for loss of biodiversity. 07
- Q.3 a) What is deforestation? Explain in brief the effects of deforestation? 08
b) Write a note on non-renewable energy sources. 07
OR
a) Explain the method of water conservation. 08
b) What measures can be taken to conserve soil? 07
- Q.4 a) Give a brief account of three sector theory of economic activity. 08
b) What is the impact of industries on the environment? 07
OR
a) What are the environmental issues related with mining? 08
b) What is environment management? Discuss its features. 07
- Q.5 Technology plays a vital role in environmental management. Explain. 15
OR
Write short notes (any three) 15
i) Genetic Diversity
ii) Hydrological cycle
iii) Environmental Audit
iv) Greenhouse effect
v) Tidal energy