

Please check whether you have got the right question paper.

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

**Q.1** Fill in the blanks with appropriate words. **(any 8)**

08

- 1) -----refers to the highest and lowest elevation points in an area.  
( Relief, Geology, Location)
- 2) A ----- is a set of ecosystems sharing similar characteristics with their abiotic factors adopted to their environment.  
( community, Population, Biome)
- 3) -----are living things and are unable to produce their own food.  
(Consumers, Producers, Autotrophs)
- 4) ----- resources are known to exist and may be used in the future.  
( Actual, Potential, ubiquitous)
- 5) Forests helps in reducing the rate of surface run off of -----  
(Air, Water, Noise)
- 6) The ----- of soil is the method that is used to indicate its degree of acidity.  
( pH, Temperature, Biota)
- 7) ----- energy is heat stored in earth crust and being used for electricity generation  
( Geothermal, Nuclear, Wind)
- 8) The top executives and government officials come under -----sector.  
(primary, Tertiary, Quinary)
- 9) Over-irrigation causes problem like -----of soil.  
( Acidity, Salinity, fertility)
- 10) Over fishing has lead to -----of many species.  
( Extinction, Breeding, Conservation)

**B) State whether the following statement are true or false. (any 7)**

07

- 1) Relative location analyses how two places are connected by distance, culture or technology.
- 2) Soil is the dominant component of physical environment that surrounds us.
- 3) Water is formed when rock weathers.
- 4) Hydropower is the most wide cheap and clean source of energy.
- 5) Consumers are called Autotrophy.
- 6) Animals influences climate at the macro & micro levels.
- 7) Forest acts as Carbon sink.
- 8) Compaction is a process in which soil layers become more impermeable.
- 9) Peat is the highest rank of coal.
- 10) LED's are energy efficient lights.

**Q.2**

- a) Describe the values of biodiversity.
- b) Explain the abiotic component of the environment.

08

07

OR

- c) Explain the structure and function of ecosystem.

Turn over

15

- Q.3** a) What is deforestation? Discuss its causes. **08**  
b) Discuss the effects of Desertification **07**  
**OR**  
c) Why water is an important resource for human beings? **08**  
d) What measures can be taken to conserve energy? **07**
- Q.4** a) Discuss the three sector theory of economic activities. **08**  
b) Explain the environmental impact of mining. **07**  
**OR**  
c) What is the impact of industries on the environment? **08**  
d) Tourism have damaged the natural ecosystem to a great extent. **07**
- Q.5** Comment technology plays a vital role in environment management. Explain. **15**  
**OR**  
Write short notes (any 3) **15**  
a) Types of Biodiversity  
b) Global warming  
c) Water cycle  
d) Wind energy  
e) Environmental Audit.