

Time: 2 Hours

Max marks: 60

Note:

- i. Question No 01 is compulsory
- ii. Attempt any 03 from remaining
- iii. All questions carry equal marks

Q1. Attempt any Five**[15 Marks]**

- a) Explain Food chain.
- b) Explain Environmental aspects of sustainable development.
- c) What is mean by E pollution?
- d) Differentiate between conventional and non conventional energy.
- e) Explain concept of carbon credit.
- f) explain Environmental Impact Assessment (EIA)
- g) Explain causes and effect of Ozone layer depletion.

Q2.**[15 Marks]**

- a) Explain various modes needed for public awareness to protect earth from environmental degradation.
- b) Explain need and importance of Environmental studies.
- c) Explain the classification of ecosystem.

Q3.**[15 Marks]**

- a) Explain principle, construction and working of venturi scrubber.
- b) What is men by water pollution? Explain sources and effects of water pollution.
- c) List the widely used methods for solid waste treatment. Explain any one in details.

P.T.O.

Q4

[15 Marks]

- a) Outline the important features of environmental clearance and authorization mechanism?
- b) What are important powers and functions of Central pollution control board?
- c) What do mean by Noise pollution? Explain sources and effects of Noise pollution.

Q5.

[15 Marks]

- a) How electricity is generated by using wind energy?
- b) State and explain principal, construction and working of flat plate collector used for solar energy.
- c) What are the limitations of conventional sources of energy?

Q6.

[15 Marks]

- a) Explain the case study of Kedarnath.
- b) Explain the concept and objective of green building.
- c) What are the various techniques of Disaster management.

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