

Utkal University

IMCA 1st Semester 2019

Environmental Science

Total Marks- 70

Time – 3 hr

Answer the following questions

1.(a) What is Energy Resources? Explain about the Non Renewable resources & types. (7)

(b)What is Renewable resources? Why alternative Renewable sources need to the environment? (7)

Or,

(a)How Land use planning benefit to the environment. Describe Land Resources. (7)

(b)Explain about Nuclear Energy Resources. (7)

2. (a) What is Green Technology? Write the 12 principles of Green Chemistry? (7)

(b) Explain about Eco labelling & Iso certification for the substances. (7)

Or,

(a) How Green computing design helpful for the Environment? (7)

(b) Explain the causes of climate change? & How Global warming responsible for it? (7)

3.(a) Describe the Stages of EIA? (6)

(b) What is Solid Waste? Explain about the E- Waste sources, Causes & Management. (8)

Or,

(a) What is EIA? Explain it's Roles & objectives. Write the difference between EIA, EIS & EA. (7)

(b) Describe about the Environmental protection Act 1986. (7)

4. (a) What is Remote Sensing? Write the applications of Remote Sensing. (7)

(b) Explain the importance of Remote Sensing & Types of sensors. (7)

Or,

(a) What is GIS? Write the applications of GIS. (7)

(b) Describe the Basic elements, basic functions & benefits of GIS. (7)

5. Briefly Answer the following questions. (Any four) (3.5*4=14)

(a) What is Biosphere? How Lithosphere, Hydrosphere & Atmosphere interact with it? (3.5)

(b) What is Green Marketing? & How Eco Mark helpful for it? (3.5)

(c) What is Plastic Waste? Describe the categories of Plastics & it's Recovery. (3.5)

(d)How Ozone layer depletion causes? Explain it. (3.5)

(e) Give the difference between GIS, GPS & RS. (3.5)

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