Model Questions
Subject : EEES (BE-202)

UNIT-1

Q1What is Geothermal Energy? How it is used for Generation of Electrical power

Q2 What is wind? How does formation of wind takes place. How electricity can be generated by wind.

Q3 What is solar pond. What is the principle on which it works? State the merits and limitations of it.

Q4 How electricity is generated in hydroelectric plant. Explain

Q5 Explain nuclear energy generation

UNIT- 2

Q1 What do you mean by Ecosystem? What are the components of ecosystem?

Q2 Draw a neat sketch of Nitrogen cycle, carbon cycle and water cycle.

Q3 Differentiate between the following

(1)Grazing and Detritus food chain

(2)Food chain and Food web

Q4 What is Biodiversity? Discuss the threats and conservation of it?

Q5 What is environment. Enumerate and discuss the various segments of environment.

UNIT- 3

Q1 Write the characteristics and biological effect of the following- SO_X, NO_X and CO.

Q2 Write short notes on

(1) Greenhouse effect

(2) Acid Rain

Q3 Describe the photochemical smog? Under what conditions its get developed.

Q4 What is sound pollution. How it is measured in decibel. How it can be controlled. What are its harmful effects?

Q5 What are air pollutants? Classify them giving their adverse effect?

UNIT- 4

Q1 Explain the process of Eutrophication.

Q2 What is water pollution. Differentiate between point and diffused sources.

Q3 Describe soil profile with Neat and labeled diagram?

Q4 What do you understand by the term water pollution? Discuss the process of aerobic decomposition of waste water?

Q5 Explain activated sludge process. What are its advantages and disadvantages?

UNIT-5

Q1 How swasthya and sanyam helps in personality development of an individual.

Q2 What do you mean by E-Waste.

Q3 Explain Preliminary studies regarding Environmental Protection act?

Q4 Explain any 5 ethical situations.

Q5 Discuss the waste management of the following

(1) Nuclear waste (2) Thermal waste (3) Plastic waste

(4) Medical waste