SS

Code: 15A01101

B.Tech II Year II Semester (R15) Regular Examinations May/June 2017
ENVIRONMENTAL STUDIES
(Electronics and Communication Engineering)

Time: 3 hours   Max. Marks: 70

PART – A
(Compulsory Question)
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1   Answer the following: (10 X 02 = 20 Marks)
  (a)   What are renewable and non renewable energy resources? Give examples.
  (b)   State the reasons for overexploitation of forests.
  (c)   Give flow chart on energy flow in ecosystem.
  (d)   What are the significance of food chain and food web?
  (e)   What is thermal pollution?
  (f)   Mention the sources of solid waste.
  (g)   List few causes of ozone layer depletion.
  (h)   Write the salient features of Forest Conservation Act' 1980.
  (i)   What are the objectives of family welfare program in India?
  (j)   What is meant by doubling time? What is the doubling time for India?

PART – B
(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

2   Explain the environmental damages caused by mining activities.

OR

3   Discuss the impact of modern agriculture on the environment.

UNIT – II

4   Explain food chain, food web and ecological pyramids with suitable examples and diagrams.

OR

5   How would you justify 'India as a mega diversity nation'?

UNIT – III

6   How are the earthquakes caused and how are they measured? How can the effects of earthquakes be mitigated?

OR

7   (a)   Discuss various sources of thermal pollution.
    (b)   How can we prevent pollution of oceans?

UNIT – IV

8   Describe the various measures to conserve water.

OR

9   Population, Consumerism and Waste production are interrelated- Comment.

UNIT – V

10   What is Universal Declaration of Human Rights (UDHR) and what are its significance? Name any three organizations that promote UDHR.

OR

11   Give a detailed account on women and child welfare in India.

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