

R09

Code No: 54004

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year II Semester Examinations, July/August - 2021

ENVIRONMENTAL STUDIES

(Common to CE, CSE, IT)

Time: 3 hours

Max. Marks: 75

Answer any five questions

All questions carry equal marks

- 1.a) Distinguish between food chain and food web.
b) What is the scope of environmental education? [7+8]
- 2.a) Explain renewable and non-renewable resources? Give examples.
b) What is the relationship between fair land distribution and appropriate land use? [8+7]
- 3.a) Classify the types of biodiversity and explain in detail with examples.
b) What are the major factors that are responsible for the loss of plant and genetic biodiversity? What steps are needed to prevent them? [8+7]
- 4.a) Distinguish between primary and secondary air pollutants.
b) List and explain the sources and control measures of water pollution. [7+8]
- 5.a) Discuss about green house effect.
b) Discuss about deforestation and desertification. [7+8]
- 6.a) What are the critical assessment criteria in any EIA methodology.
b) Discuss about role of Remote sensing and GIS methods in environmental studies. [7+8]
- 7.a) Discuss about air act 1981.
b) State the typical features of environmental protection act. [8+7]
- 8.a) Discuss about concept of green building.
b) Explain the variation of population growth among nations. [7+8]

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