

Code No. D-2423/N/AICTE

FACULTY OF ENGINEERING

B.E. (Civil/EEE/EIE/CSE/CME/DS) I - Semester (Bridge Course) (AICTE) (NEW)

Examination, March/April 2022

Subject: Environmental Science

Time: 3 Hours

Max. Marks: 70

Note: (i) First question is compulsory and answer any four questions from the remaining six questions. Each question carries 14 marks.

(ii) Answer to each question must be written at one place only and in the same order as they occur in the question paper.

(iii) Missing data, if any, may be suitably assumed.

- 1 (a) What is wind energy? How it is used?
(b) Draw the figure for pyramid of energy.
(c) What is species diversity?
(d) Write the causes of ground water pollution.
(e) Differentiate between climate and weather.
(f) What is World food problem?
(g) What are the environmental impacts of climate change on environment?
- 2 (a) Explain in brief the need for awareness on environmental science.
(b) What are man induced landslides? Describe with the help of an example.
- 3 (a) Why should natural ecosystem and various forms of species be protected?
(b) Describe various trophic levels in an ecosystem.
- 4 (a) Select the major causes of human wild conflict. Discuss the remedial steps to curb the conflict.
(b) Write short notes on endangered and endemic species of India.
- 5 (a) What are the effects of uncontrolled dumping of solid waste?
(b) Discuss the salient features of Environmental Protection Act (1986).
- 6 (a) Write a detailed note on Global warming and its consequences.
(b) Explain disaster management cycle.
- 7 (a) Define water pollution and add a brief note on types of water pollutants.
(b) Differentiate conventional and non-conventional sources of energy.
