

01412

Semester III (B.Tech.)

No. of Printed Page 1

Er. No.

Academic Year – 2021-22

Jaypee University of Engineering & Technology, Guna**T-3 (Odd Semester 2021)**

18B19GE399-Environmental Science

Max. Duration: 2 Hours

Max. Marks: 35

Note: 1. This question paper has 07 questions.

2. Write relevant answer only.

3. Do not write anything on question paper except

- Q.1 What do you mean by "Nuclear Hazard"? Elaborate various types of nuclear waste and also explain limitations in disposal of nuclear waste. [5]
- Q.2 (a) How "Green House Gases" contribute in global warming? [1]
(b) Elucidate various "Environmental Law", which provide special privilege to "Central Government" over "State Government". [4]
- Q.3 What do you mean by "Demographic Transition"? Elaborate various stages of demographic transition. [5]
- Q.4 Write short notes on the following [5]
(a) Bishnois of Rajasthan.
(b) Chernobyl Nuclear Disaster.
- Q.5 (a) Define "Soil Pollution". List out various sources of soil pollution with suitable examples. [2]
(b) Elaborate various control methods adopted in soil pollution. [3]
- Q.6 (a) What do you mean by "Biodiversity"? Explain various components of biodiversity. [3]
(b) Briefly explain "Hot Spots of Biodiversity" with suitable examples. [2]
- Q.7 (a) How mineral resources help in development of the society? Elaborate "Critical" and "Strategic" minerals with suitable examples. [3]
(b) Define ecological succession and process of ecological succession in brief. [2]
