

Roll No. 21001351014

Total Pages : 2

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Mar. 2022

B.A. (JMC) - I SEMESTER

Environmental Sciences ((BEVS-101)/BEVS-104-21)

Time : 90 Minutes]

[Max. Marks : 25

*Instructions :*

1. *It is compulsory to answer all the questions (1 mark each) of Part-A in short.*
2. *Answer any three questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*

**PART-A**

1. (a) Write the importance of environmental studies. (1)
- (b) Define Ecosystem. (1)
- (c) What are the renewable and non-renewable energy sources? (1)
- (d) Define desertification. (1)
- (e) What is lentic and lotic ecosystem? (1)
- (f) What do you understand by global warming? (1)
- (g) How do we measure earthquake magnitude and intensity? (1)

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- (b) What is gamma biodiversity? (1)
- (i) Define soil pollution? (1)
- (j) Who started Chipko movement? (1)

### PART-B

- 2. (a) What is Sustainable Development? (3)
- (b) Give the various components of ecosystem. (2)
- 3. (a) Describe the importance of Forest Ecosystem. (2)
- (b) Write various source of noise pollution. (3)
- 4. What is the contribution of alternate energy sources in environment? (5)
- 5. (a) What are the causes of increasing scarcity of water ? (3)
- (b) What is the difference between *in-situ* and *ex-situ* biodiversity conservation? (2)
- 6. (a) What are causes of landslides? (2)
- (b) Does climate change have effect on agriculture? Comment. (3)