

Roll No. ....

**70725**

**Open Elective Course 2nd Semester  
(PG) w.e.f. 2016-17 Under CBCS Scheme  
Examination – July, 2021**

**ENVIRONMENTAL ISSUES**

Paper : 16ENV01

*Time : Three Hours ] [ Maximum Marks : 80*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note :** Attempt *five* questions in all. Question No. 1 is *compulsory*, attempt *four* more questions by selecting at least *one* from each Unit. All questions carry equal marks.

1. Answer in brief : 2 × 8 = 16
- (a) Name the various green house gases.
- (b) Define biomagnifications.
- (c) Define total fertility rate (TFR) in population growth.

- (d) Define social forestry.
- (e) Define in-situ methods of wildlife conservation.
- (f) Define wetlands.
- (g) Define air quality index (AQI).
- (h) Define soil erosion.

**UNIT – I**

2. Describe the importance of ozone layer in atmosphere. Discuss the ozone depletion process in stratosphere in detail. 16
3. Write notes on the following :
- (a) Deforestation 8
- (b) Impact of modern agriculture on environment. 8

**UNIT – II**

4. Define mineral resources. Explain the impact of mining on the environment. 16
5. Write notes on the following :
- (a) Reclamation of wetlands 8
- (b) Desertification 8

### UNIT – III

6. Define water pollution. Explain the various sources and consequences of water pollution on environment. 16
7. Write notes on the following :
- (a) Impact of fertilizer on environment 8
- (b) Soil pollution 8
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