

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 :

$2 \times 8 = 16$

(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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