

B.Sc. (Part-III) Semester-VI Examination
ENVIRONMENTAL SCIENCE
(Environmental Conservation & Management)

Time : Three Hours]

[Maximum Marks : 80

Note :— All questions are compulsory and draw well labelled diagrams wherever necessary.

1. (A) Fill in the blanks with appropriate words :

- (i) The symbol for WWF is _____. ½
- (ii) IUCN stands for _____. ½
- (iii) The formula for calculation of mean is _____. ½
- (iv) Ex-situ conservation mostly carried out by _____. ½

(B) Choose the correct alternatives and rewrite the statement :

- (i) Wildlife Protection Act implemented from _____.
 (a) 1986 (b) 1972 (c) 2002 ½
- (ii) Environmental education includes Formal and _____ education.
 (a) Nature (b) Nonformal (c) Media ½
- (iii) _____ is a threat to wildlife.
 (a) Poaching (b) Degradation (c) Deforestation ½
- (iv) Pollution control takes place by _____.
 (a) IUCN (b) MOEF (c) PCB ½

(C) Answer the following in **one** sentence :

- (i) Define Land degradation. 1
- (ii) Define Environmental Education. 1
- (iii) Define in-situ conservation. 1
- (iv) Define mode. 1

2. Explain in brief :
- (a) Difference between formal and non-formal education. 4
 - (b) Role of NGO in Environmental education. 4
 - (c) What are the stages of environmental education ? 4
- OR**
- (d) Concept of environmental awareness. 4
 - (e) Objectives of environmental education. 4
 - (f) Methods of environmental awareness. 4
3. Describe the strategies used by the Government of India for conservation of minerals. 12
- OR**
- Describe the causes of Land degradation. 12
4. Describe in brief :
- (g) Wildlife as a resource. 4
 - (h) Salient features of Wildlife Protection Act 1972. 4
 - (i) Need of Biodiversity conservation. 4
- OR**
- (j) In-situ biodiversity conservation method. 4
 - (k) Functions of WWF. 4
 - (l) Salient features of Environmental Protection Act. 4
5. Explain in brief :
- (m) Functions of IUCN. 4
 - (n) Objectives of EIA. 4
 - (o) Functions of State Pollution Control Board. 4
- OR**
- (p) Salient features of Man and Biosphere programme. 4
 - (q) Functions of MOEF. 4
 - (r) Advantages of Public participation. 4

6. Define Environmental auditing. Give the general method for environmental audit. 12

OR

Describe the concept and advantages of Geographical information system. 12

7. (s) Explain the concept of sustainable development. 4
(t) The rainfall of the year 2016 from July to September in three different months- 309 mm, 401 mm, 210 mm. Calculate the mean of the given data. 4
(u) Give the formula of mean, mode and median. 4

OR

(v) Describe the principles of sustainable development. 4

(w) Explain types of data with example. 4

(x) The average temperature data of 5 years :

2001–40°C

2002–42°C

2003–39°C

2004–44°C

2005–42°C

Give the graphical presentation. 4

