

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

Time : Three Hours]

[Maximum Marks : 80

N.B. :— All questions are compulsory.

1. (A) Fill in the blanks :

- (i) In India Environmental education became an integral part of education since _____. ½
- (ii) _____ is the extraction of valuable minerals or other geological materials from earth. ½
- (iii) Wild Life Institute of India (WII) was established in _____. ½
- (iv) IUCN was founded in year _____. ½

(B) Choose the correct alternative and rewrite the sentences :

- (i) Long form of GIS _____. ½
 - (a) Geographical Informative Summary
 - (b) Geographical Information System
 - (c) Geology Information System
 - (d) Glass Information Summary
- (ii) UNDP stands for : ½
 - (a) United Nations Development Programme
 - (b) Unix Nations Develop Programme
 - (c) Upper Nation Develop Programme
 - (d) Upmost Nation Develop Programme
- (iii) IBWL stands for : ½
 - (a) Indian Board for Wild Life
 - (b) Index Box for Wild Life
 - (c) Indian Box for Wild Life
 - (d) Indian Board for Wax Life
- (iv) Environmental education is : ½
 - (a) Focal and Facial
 - (b) Local and General
 - (c) Formal and Non-formal
 - (d) None of these

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

- (i) Give formula of mean. 1
- (ii) Define Environmental education. 1
- (iii) Define GIS. 1
- (iv) Define Mining. 1

2. Explain in brief :
- (a) Principles of Environmental education. 4
 - (b) Stages of non-formal Environmental education. 4
 - (c) Programmes of Environmental education. 4
- OR**
- (d) Role of NGO's in Environmental education. 4
 - (e) Role of Environmental education in awareness programmes. 4
 - (f) Methods of Environmental awareness programme. 4
3. What is mining ? Explain types of mining and issues related with mining management. 12
- OR**
- Describe the strategies for conservation of wetlands in India. 12
4. Describe in brief :
- (g) Wild Life Institutes in India. 4
 - (h) Wild Life poaching. 4
 - (i) Functions of IBWL. 4
- OR**
- (j) National Parks. 4
 - (k) Biosphere reserve. 4
 - (l) Convention on biological diversity. 4
5. Describe in brief :
- (m) Functions of Man and Biosphere programme. 4
 - (n) Function of State Pollution Control Board. 4
 - (o) Function of MOEF. 4
- OR**
- (p) Scope of EIA. 4
 - (q) Public participation in EIA. 4
 - (r) Functions of IUCN. 4
6. Define Environmental Audit and describe general approach to environmental audit. 12
- OR**
- Define GIS and describe concept and advantages of GIS. 12
7. Explain in brief :
- (s) Principle of sustainable development. 4
 - (t) Tabulation of data. 4
 - (u) Types of data. 4
- OR**
- (v) Regression analysis. 4
 - (w) Standard deviation. 4
 - (x) Mean. 4