

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 _____. $\frac{1}{2}$
- (ii) _____ is the extraction of valuable minerals or other geological materials from earth. $\frac{1}{2}$
- (iii) Wild Life Institute of India (WII) was established in _____. $\frac{1}{2}$
- (iv) IUCN was founded in year _____. $\frac{1}{2}$

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

- (i) Long form of GIS _____. $\frac{1}{2}$
- (a) Geographical Informative Summary
- (b) Geographical Information System
- (c) Geology Information System
- (d) Glass Information Summary
- (ii) UNDP stands for : $\frac{1}{2}$
- (a) United Nations Development Programme
- (b) Unix Nations Develop Programme
- (c) Upper Nation Develop Programme
- (d) Upmost Nation Develop Programme
- (iii) IBWL stands for : $\frac{1}{2}$
- (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 : $\frac{1}{2}$
- (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

- (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