

AR - 613

Sixth Semester B. Sc. (Part - III) Examination

ENVIRONMENTAL SCIENCE

(Environmental Conservation and Management)

P. Pages : 5

Time : Three Hours]

[Max. Marks : 80

- Note :** (1) All questions are compulsory.
(2) Q.2 to 7 carry equal marks.

1. (A) Fill in the Blanks.

- (i) Adult education is the example of ——— Environmental Education. $\frac{1}{2}$
- (ii) GIS stands for ———. $\frac{1}{2}$
- (iii) The two types of mining are ——— and ——— mining. $\frac{1}{2}$
- (iv) Env-protection act 1986 refers to the ——— conference 1972. $\frac{1}{2}$

(B) Choose correct alternative.

- (i) Env. protection act became effective on ———.
- (A) 5th June 1986 (B) 19th Nov.1986
- (C) 19th Nov. 1972 $\frac{1}{2}$

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(ii) Red data book is published by ———.

(A) W.W.F (B) IUCN

(C) BNHS. $\frac{1}{2}$

(iii) Mangrooves are found in ———.

(A) Costal areas (B) Forest and
Arid Regions

(C) Flood plains. $\frac{1}{2}$

(iv) EIA stands for

(A) Environmental Impact Assessment

(B) Environmental Important Assessment

(C) Engineering Impact Assessment. $\frac{1}{2}$

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

(i) Define median. 1

(ii) Define wildlife. 1

(iii) Define mining. 1

(iv) Give one example of In-Situ Conservation. 1

2. (a) What are the principles of Environmental awareness programmes ? 4

(b) Describe Formal Environmental Education. 4

- (c) Describe the role of W.W.F. in Environmental conservation. 4

OR

- (d) Non formal Environmental Education. 4

- (e) What are principles of Environmental Education ? 4

- (f) Comment on of Environmental Education. 4

3. (g) Describe issues related with mining management. 4

- (h) Define mining and types of mining. 4

- (i) Describe land degradation effects. 4

OR

- (j) Describe strategies for conservation of Minerals. 4

- (k) Describe Land use pattern. 4

- (l) Describe method for conservation of waste land (any two). 4

4. (m) Explain wildlife as a resource. 4

- (n) Explain objectives of Environmental Protection act 1986. 4
- (o) Convention on Biological Diversity. 4

OR

- (p) Explain wildlife protection act. 4
 - (q) Explain Biodiversity conservation. 4
 - (r) Explain role of wildlife Institutes in India. 4
5. (s) Describe EIA and its scope. 4
- (t) Describe IUCN objectives. 4
 - (u) Describe role of pollution control board. 4

OR

- (v) Describe MOEF. 4
 - (w) Describe Man and Biosphere programme. 4
 - (x) Describe methods of EIA. 4
6. (a) Define environmental audit. Explain the need of Environmental audit. 6
- (b) Explain advantages of Aerial advantages photographs and satellite image in detail. 6

OR

(c) Explain concept of GIS and give its advantages. 6

(d) Explain in detail the steps involved in Environmental audit. 6

7. Define sustainable development. Write about its principles in detail and Explain sustainability.

OR

Define Data. Give types of data. Give different Methods for data collection with the help of diagram, explain bar diagram. 12



