

2018
2nd Semester
ENVIRONMENTAL STUDIES

PAPER—AECC

(Honours)

Full Marks : 50

Time : 2 Hours

The figures in the right hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

1. Answer any ten questions.

10×2

- (a) What is the significance of Red data book.
- (b) Enlist different green house gases.
- (c) Write down the full form of CNG and DDT.
- (d) What are the Primary Producers of Ecosystem.
- (e) Name two invasive species of India, Mentioning their Origin.

(Turn Over)

(f) Select Correct alternatives

The leaders of Chipko Andolan were

- (i) Goura Devi and Sundarlal Bahauguna
- (ii) Sundarlal Bahaguna and Amina Roy
- (iii) Goura Devi and Baba Amte.

(g) Select the Correct alternatives :

Medha Patkar is associated with

- (i) Narmada Bachao Andolan
- (ii) Ganga Action plan
- (iii) Joint Forest Management.

(h) Earth Summit was held at _____ on the year _____.

(i) Define Ecology.

(j) Differentiate between conventional and non-conventional energy resource with examples.

(k) What is JFM.

(l) What is Food Web.

- (m) Define **Environmental Ethics**.
- (n) What is **Carbon trading**.
- (o) What is acid rain.
- (p) What is biodiversity hotspot. Give **example**.

2. Answer any *four* questions.

4×5

- (a) Define Endangered and Endemic species in reference to IUCN. Site examples of both in Indian Scenario.
3+2
- (b) Mention the differences between National Park and Sanctuary.
2½+2½
- (c) What is ecological succession ? Explain with steps the formation of a Forest Ecosystem from a bare land.
1+4
- (d) Write a short note on sustainable development. 5
- (e) Briefly explain the causes of land degradation that turns into soil erosion. 5
- (f) Briefly explain the possible causes and effects of air pollution. 5

3. Answer any *one* question.

1×10

(a) (i) Differentiate between ex-situ and in-situ conservation of biodiversity. 5+5

(ii) Mention possible causes of loss of biodiversity.

(b) (i) What is Diaster ? Write down the steps of diaster Management of an earthquake prone area.

(ii) Define Environmental Movement. Give an example of an Environmental Movement with its impact on the Society. 5+5