H - 2126

(Pages : 3)

Reg. No. : .....

Name : .....

First Semester B.Com. Degree Examination, November 2019

First Degree Programme Under CBCSS

ENVIRONMENTAL STUDIES

(Common for Foundation Course I - CO 1121/CX 1121/TT 1121/HM 1121 (2014 Admission), CC 1121 (2014 Admission), Core Course I - CO 1141/ CX 1141/TT 1141/HM 1141/CC 1141 (2015 Admission to 2017 Admission) and Core Course I - CO 1141/CX 1141/TT 1141/HM 1141 (2018 Admission onwards)/Core Course II - CC 1142 (2018 Admission Onwards))

Time : 3 Hours

Max. Marks : 80

SECTION A

Answer **ALL** questions in **one** or **two** sentences.

Each question carries **1** mark.

Explain the following :

1. Photo chemical smog
2. Secondary production
3. Value education
4. Biodiversity register
5. Detritus food chain
6. Incineration
7. Edaphic factors

P.T.O.

8. Gamma diversity

9. Epilimnion

10. Endemism.

(10 × 1 = 10 Marks)

SECTION B

Answer **any Eight** questions not exceeding in a paragraph.

Each question carries **2** marks.

11. Briefly explain any two forest types of Kerala.

12. Explain food web citing an example.

13. Briefly explain sustainable development.

14. India is a megadiversity nation - explain.

15. Briefly explain pyramid of energy.

16. Explain sanitary land fill.

17. Explain trophic levels in a grassland ecosystem.

18. Add a note on the mineral resources of Kerala.

19. List out any two biodiversity hotspots of India.

20. Define ecological succession with an example.

21. Explain ecosystem diversity.

22. Write down the salient features of Shola forest.

(8 × 2 = 16 Marks)

SECTION C

Answer **any Six** questions not exceeding 120 words each.

Each question carries **4** marks.

23. Write a note on the measures undertaken for Women and Child welfare in India.
24. Explain the trends in population explosion in India.
25. Write a note on recent trends in consumerism and resultant waste production.
26. Explain energy flow in an ecosystem.
27. Write a note on the role of individuals in the conservation of natural resources.
28. Write a note on cleaner technologies.
29. Explain various methods of rain water harvesting.
30. List out various methods of solid waste management.
31. Briefly explain the causes and consequences of thermal pollution.

(6 × 4 = 24 Marks)

SECTION D

Answer any **TWO** questions. Each question carries **15** marks.

32. Write an essay on various threats to Biodiversity.
33. Briefly explain the causes, effects and control measures of noise pollution.
34. What are natural resources? How are they classified? Comment on the consequences of their over exploitation.
35. Explain various *exsitu* methods of Biodiversity conservation.

(2 × 15 = 30 Marks)