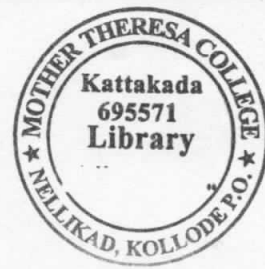




Reg. No. : .....

(Pages : 3)



F 1914

Name : .....

**First Semester B.Com. Degree Examination, November 2018**

**First Degree Programme Under CBCSS**

**ENVIRONMENTAL STUDIES**

**(Common for Foundation Course I-CO 1121/CX 1121/TT 1121/HM 1121 (2013, 2014 Adms.), CC 1121 (2014 Adm.), Core Course I-CO 1141/ CX 1141/ TT 1141/HM 1141/CC 1141 (2015 Adm. to 2017 Admn.) and Core Course I-CO 1141/CX 1141/ TT 1141/HM 1141(2018 Admn.)/ Core Course-II-CC 1142 (2018 Admn.)**

Time : 3 Hours

Max. Marks : 80

**SECTION – A**

Answer **all** questions in **one word to two sentences each**. Each question carries a mark of **1**.

1. What are National Parks ?
2. What is value education ?
3. Explain Pyrolysis.
4. What are Population Pyramids ?
5. Define Environmental Ethics.
6. What are Cleaner Technologies ?
7. Give examples for artificial ecosystems.
8. List out various layers of the atmosphere.
9. Name two bird sanctuaries of Kerala.
10. What are *Seral communities* ?

**(10×1=10 Marks)**



P.T.O.



## SECTION – B

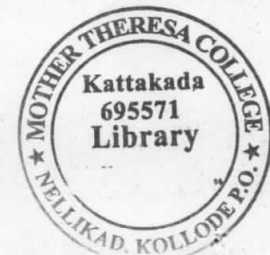
Answer **any eight** questions **not** to exceed **one** paragraph **each**. **Each** question carries **2** marks.

11. Briefly explain the role of individuals in natural resources conservation.
12. Explain 'sustainable development'.
13. Comment on 'Red Data Book'.
14. Elucidate the salient features of a tropical rain forest
15. Explain Photochemical Smog.
16. List out intrinsic values of Biodiversity.
17. Define a food web, citing examples.
18. Explain the recent trends in human consumerism.
19. Explain various methods of soil water conservation.
20. List out various methods of waste land reclamation.
21. Define Ecosystem diversity.
22. Explain the consequences of Global Warming. **(8×2=16 Marks)**

## SECTION – C

Answer **any six** questions **not** to exceed **120** words **each**. **Each** question carries **4** marks

23. Explain the stages in Xerosere.
24. Briefly explain Genetic Diversity.
25. Explain Pyramid of Energy with an example.
26. Explain the ecological role of Consumers.





- 27. Briefly explain various threats to Biodiversity.
- 28. Explain Energy flow in an ecosystem.
- 29. List out various renewable energy sources.
- 30. Explain national mission on Women and Child Welfare.
- 31. Write a note on the Mineral Resources of Kerala. **(6×4=24 Marks)**

**SECTION - D**

Answer **any two** questions in **not exceeding 4 pages each**. **Each** question carries **15** marks.

- 32. Comment on the causes and consequences of air pollution.
- 33. Write an essay on the Global trends in population growth.
- 34. Comment on various in-situ and ex-situ methods of Biodiversity conservation.
- 35. Explain various methods of solid waste management. **(2×15=30 Marks)**

