(Pages : 3) **D – 5063**

Reg. No. : .....

Name : .....

First Semester B.Com. Degree Examination, February 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.) and Core Course I – CO 1141/CX 1141/TT 1141/HM 1141/CC 1141
(2015 Adm. Onwards)

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 greenhouse gases ?
2. What is watershed management ?
3. What is meant by renewable resource ?
4. What is biomass energy ?
5. What is food web ?
6. Define the term ecosystem.
7. What is desertification ?
8. What is meant by species diversity ?
9. What is apiculture ?
10. What are pollutants ?

(10×1=10 Marks)

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SECTION – B

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

11. Why decomposers are called 'micro consumers' ?
12. Differentiate between biotic and abiotic components of ecosystem.
13. Describe various renewable sources of energy.
14. What are the importance of forest resources ?
15. What are the effects of deforestation ?
16. Explain the scope of environmental studies.
17. What are the effects of ground water usage ?
18. What are the major implications of enhanced global warming ?
19. What are the objectives and elements of value education ?
20. What are the major impacts of acid rain and how can we control it ?
21. Discuss various measures for wasteland reclamation.
22. Give an account of the adverse effects of air pollution. **(8×2=16 Marks)**

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SECTION – C

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

23. What are the major causes of man-wildlife conflicts ? Discuss the remedial steps that can curb the conflict.
24. Discuss the process of ecological succession.
25. Discuss the models of energy flow in an ecosystem.

26. What are the uses of various types of minerals ?

27. Explain about the impacts of traditional and modern agriculture.

28. What are the different types of soil conservation practices ?

29. What do you understand by the term thermal pollution ? Discuss various effects and control measures of thermal pollution.

30. What are the different methods to propagate environmental awareness in the society ?

31. Discuss the important solar energy harvesting devices. **(6×4=24 Marks)**

SECTION – D

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

32. Explain the conservation of different resources.

33. Explain the causes and consequences of deforestation.

34. Explain the different types of pollution.

35. Explain the structural features of ecosystem. **(2×15=30 Marks)**

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