BSc DEGREE (CBCS) EXAMINATION, OCTOBER 2019

Fifth Semester

Core Course - CH5CRT05 - ENVIRONMENT , ECOLOGY AND HUMAN RIGHTS

(Common to B.Sc Chemistry Model I ,B.Sc Chemistry Model II Industrial Chemistry ,B.Sc Chemistry Model III Petrochemicals)

2017 Admission Onwards

AA106018

Maximum Marks: 60   Time: 3 Hours

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Define the term environment.

2. Define the term natural resources.

3. Define land degradation.

4. Mention any four management techniques of mineral resources.

5. Differentiate between garbage and rubbish

6. What are the benefits of watershed?

7. What is meant by global warming?

8. Give two examples for green solvents.

9. Name the non-violent community of nature worshippers of Rajasthan in western India.

10. Differentiate essential and non essential chemical substances?

11. What are the acute effects of polychlorinated biphenyls?

12. What is ICCPR?

(10×1=10)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Briefly explain the effects of over utilization of surface and ground water.

14. Explain the differences between undernourishment and malnourishment.

15. How can we treat Municipal water?

16. How can we manage disasters like earthquake and cyclones?

17. Explain the two types of 'checks' as propounded by Malthus . What is its importance?

18. Discuss the environmental problems of population growth that affect human health.

19. Explain phytodegradation of contaminants?

20. Write a note on the pesticide DDT

21. Write an acoount on Human Rights and UN Security Council.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Discuss the role of an individual in conservation of natural resources.

23. a) Explain the important points of Wildlife Protection Act and Forest Act.
    b) What are the important issues involved in the enforcement of Environmental Legislation?

24. Elaborate the transport processes in the release of chemicals in the environment?

25. Discuss the significance of human rights awareness in education.

(2×10=20)