



K24P 3091

Reg. No.: .....

Name : .....

**III Semester M.Sc. Degree (C.B.C.S.S. – OBE-Regular)**  
**Examination, October 2024**  
**(2023 Admission)**  
**Chemistry/Chemistry with Drug Chemistry Specialization**  
**(Open Elective Course)**  
**MSCHD03O02/MSCHE03O02 : ENVIRONMENTAL CHEMISTRY AND**  
**DISASTER MANAGEMENT**

Time : 3 Hours

Max. Marks : 60

**SECTION – A**

Short answer questions. Answer **any five** questions and **each** carries **three** marks.

1. What are the different segments of environment ?
2. How acid rain is formed ?
3. Define COD.
4. What is meant by thermal pollution ?
5. What is technological disaster ?
6. What is flash point of a fuel ?

**(5×3=15)**

**SECTION – B**

Paragraph questions. Answer **any three** questions and **each** carries **six** marks.

7. Explain R and S phrases.
8. Write a note on fire safety in educational institutions.
9. Explain Eutrophication.
10. What are the key aspects of Disaster Management Act 2005.
11. Explain green house effect and its consequences.

**(3×6=18)**

P.T.O.



## SECTION – C

Essay type questions. Answer **any three** questions and **each** carries **nine** marks.

12. Discuss about the composition and structure of atmosphere.
13. Write a note on i) MSDS ii) Safe laboratory practices.
14. Explain i) AAS ii) GC.
15. Discuss about disaster management cycle.
16. Describe briefly i) Bhopal gas tragedy ii) Chernobyl disaster. (3×9=27)

