

MASTER OF SCIENCE (CHEMISTRY) (CBCS - 2018 COURSE)
M.Sc. (Chemistry) Sem-III AC,OC : WINTER- 2022
SUBJECT : ASSESSMENT OF WATER QUALITY

Day : Thursday

Time : 02:00 PM-05:00 PM

Date : 5/1/2023

W-20154-2022

Max. Marks : 30

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
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Q.1 Attempt **ANY THREE** of the following: **[15]**

- a) What is water pollution? Give types of water pollutants with example.
- b) Write a note on radioactive material.
- c) Describe up-flow anaerobic Sludge Bed (blanket) Reactor process.
- d) Discuss the BSI.
- e) Explain the term pH and DO.

Q.2 Attempt **ANY THREE** of the following: **[15]**

- a) Elaborate an Industrial waste water treatment.
- b) Give factors for Sampling program and types of sampling procedure.
- c) Explain in detail Eutrophication.
- d) Explain in detail BOD.
- e) Write a note on pesticides.

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