

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

Day : Monday  
Date : 18-07-2022

**S-20154-2022**

Time : 03:00 PM-06:00 PM  
Max. Marks : 30

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**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) Explain collection of water sample in scientific way from residential plumbing.
- b) Explain BOD of water sample.
- c) Write note on BSI Standards.
- d) Write two physical parameter of water.
- e) Write short note on alkalinity of water.

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

- a) Explain pH and odour of water.
- b) Explain chemical oxygen demand.
- c) Explain hardness and type of hardness of water.
- d) Write note on Dissolve oxygen.
- e) Give brief account of sample preservation.

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