

**B.Sc. Semester-II Examination, 2022-23****ENVIRONMENTAL SCIENCE [Honours]**

Course ID : 21811 Course Code : SH/ENV/201/C-3

Course Title : Water and Water Resource

Time : 1 Hour 15 Minutes Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*1. Answer any **five** of the following questions:

1×5=5

- Mention two inorganic constituents of potable water.
- What is perched water table?
- State two ecological significance of wetland.
- Mention two reasons of groundwater depletion.
- What is DO?
- What is electrical conductivity of water?
- Mention two major importance of Indus water treaty.
- Name two activists related to Narmada Bachao Andolan.

2. Answer any **two** of the following questions:

5×2=10

- What are the major importances of rainwater harvesting in urban area?
- Write a brief note on Ramsar Convention 1971.
- What is Hydrological cycle? Describe it with suitable diagram. 1+4
- Write a short note on physical properties of drinking water.

3. Answer any **one** of the following questions:

10×1=10

- What are the major key points of water pollution (control and prevention) Act, 1974? Mention some agreements to resolve international conflicts on water sharing between India and her neighbours. 7+3
- Write a detail account on vertical distribution of groundwater basin with suitable sketch. What are the importances of watershed management? 8+2

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