

U.G. 2nd Semester Examination - 2021**ENVIRONMENTAL SCIENCE****[HONOURS]****Course Code : ENVS-H-CC-P-03****(Water and Water Resources)****[PRACTICAL]**

Full Marks : 20

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*Answer any **two** of the following: 10×2=20

1. Draw two sketches with labels depicting rainwater harvesting models for an urban building and an agricultural system. 5+5
2. What is meant by water demand? Prepare a structured questionnaire for assessing the water demand and responsible factors for household domestic water consumption in your locality. 2+4+4
3. Define groundwater and surface water. Mention the water quality parameters under physical, chemical

and biological categories which are required for assessing the status of groundwater in wells.

4+6

4. What are the criteria for identifying wetlands of international importance or potential Ramsar site? Prepare a document on ecological status and potential threats of any Ramsar wetland of your state. 3+(4+3)
