TDC Even Semester Exam., 2019

ECOLOGY AND ENVIRONMENTAL SCIENCE

(Honours)

(2nd Semester)

Course No. : EESH–201

(Water and Water Resources)

Full Marks : 35
Pass Marks : 12

Time : 2 hours

The figures in the margin indicate full marks for the questions

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. Describe briefly the various physical properties of w ater and how they affect the aquatic organisms. 7

2. Write short notes on the following : 3½+3½=7

(a) Sources and types of water

(b) Runoff water

UNIT—II

3. What do you mean by rainwater harvesting? Describe briefly the various techniques of rainwater harvesting especially in urban setting. 2+5=7

4. What do you mean by watershed? Write about its importance. How can watershed be managed? 1+2+4=7

UNIT—III

5. Define wetland. Describe briefly the ecological significance of wetland. 2+5=7

6. Write short notes on the following : 3½+3½=7

(a) Ramsar Convention

(b) Major wetlands of NE India

UNIT—IV

7. What do you mean by marine resources? Describe briefly on the management of marine ecosystem and its resources. 1+6=7

8. Write short notes on the following : 3½+3½=7

(a) Commercial use of marine resources

(b) Threats to marine ecosystem

UNIT—V

9. What do you mean by river valley projects? Describe briefly their environmental and social impacts in context of India. 1+6=7

10. Write short notes on the following : 3½+3½=7

(a) International conflicts on water sharing between India and her neighbours

(b) Narmada dam

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