

No. of Printed Pages : 03

Roll No.

DD842

M.Sc. EXAMINATION, May 2019

(Fourth Semester)

(B. Scheme) (Main & Re-appear)

ENVIRONMENTAL SCIENCE

ES206

Water Resources

Time : 3 Hours]

[Maximum Marks : 100

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

(3-42/18)M-DD842

P.T.O.

Unit I

1. Mention the main component responsible for the uneven distribution of water. **20**
2. (a) Write a note on aquifers. **10**
(b) Threats to water resources in India. **10**

Unit II

3. Differentiate between the following :
(a) Surface water and underground water
(b) Rain water harvesting and water shed development. **20**
4. Discuss the types and sources of Water Resource. Mention the need of its conservation and also mention some methods of conservation. **20**

Unit III

5. Write notes on the following :
(a) Water quality parameters
(b) Water quality standards. **20**

6. (a) What is the main source of surface water ? In which river basin is usable underground water available ? **15**
(b) How much part of the country comes under floods and drought every year ? **5**

Unit IV

7. Evaluate the utility and applicability of watershed development programmes in India. **20**
8. Write a note on Ganga Action Plan. **20**