

Roll No. ....

Total Pages : 2

**CMDQ/M-24**

**5559**

## **GEOGRAPHY OF WATER RESOURCES**

Paper–M–GEO–404(iv)

Time Allowed : 3 Hours]

[Maximum Marks : 70

**Note** : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

### **Compulsory Question**

1. Write short notes (not more than 50 words for each) on the following : 7×2=14

- |                       |                               |
|-----------------------|-------------------------------|
| (a) Water harvesting. | (b) Drought proofing.         |
| (c) Water tribunal.   | (d) Chemical Water Pollution. |
| (e) Dark zone.        | (f) Waterlogging.             |
| (g) Matatila Dam.     |                               |

### **UNIT-I**

2. Write a Geographical essay on importance of Geography of Water resources in India. 14
3. While highlighting the use of Water discuss various shifting trends in its usage in 21st century. 14

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**P. T. O.**

### **UNIT-II**

4. How is Demand of Water calculated? Discuss various factors affecting Demand of Water in Agricultural sector. 14
5. How is Virtual water different from water foot printing? Elucidate with suitable examples. 14

### **UNIT-III**

6. What is meant by Water-logging? What are the principal causes and effects of Water-logging in a canal command system? What precautions will you observe in constructing a new canal system to avoid water-logging? 14
7. What are major pollutants of Water? Discuss harmful effects of Water pollution on Human and Agriculture. 14

### **UNIT-IV**

8. “National River Linking Project is a folly or a salvation”. Critically evaluate the statement. 14
9. Critically evaluate the Social consequences of population displacement caused by construction of Water resources development projects in India. 14

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