

## **PGDWR-02**

**December – Examination 2021**

### **Post Graduate Diploma in Water Resources Management Examination**

**Need and Concept of Integrated  
Water Management**

**Paper : PGDWR-02**

*Time : 1½ Hours ]*

*[ Maximum Marks : 100*

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*Note* :- The question paper is divided into two Sections A and B. Write answers as per the given instructions.

**Section-A**

**5×4=20**

**(Very Short Answer Type Questions)**

*Note* :- Answer any *five* questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries 4 marks.

1. (i) What is People Participation ?
  - (ii) Define Rainwater Management.
  - (iii) Define Sodic Soils.
  - (iv) What is Drainage Rate ?
  - (v) Define Sustainability.
  - (vi) Explain Khadin.
  - (vii) Define Anicut.
  - (viii) Explain Participatory Irrigation Management.
  - (ix) What is Watercourse ?
  - (x) Define Plane of Best Fit.
4. Define Soil Conservation.
  5. Make a note on Rainwater Harvesting in Rajasthan.
  6. Mention the techniques for reclamation of waterlogged areas.
  7. Explain the impacts of waterlogging problem.
  8. Explain global scenario of farmer's participation in irrigation management.
  9. What are the merits and demerits of command area development programme ?

**Section-B** **4×20=80**

**(Short Answer Type Questions)**

*Note* :- Answer any *four* questions. Answer should not exceed **200** words. Each question carries 20 marks.

2. Make a note on Drainage and Environment.
3. What is vegetative Check Dam ?