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PGDWR-02

June – Examination 2020

Post Graduate Diploma in Water Resources Management Examination

Need for Integrated Water
Resources Management

Paper : PGDWR-02

Time : 3 Hours]

[Maximum Marks : 100

Note :- The question paper is divided into three Sections A, B and C. Write answers as per given instructions.

Section-A

10×2=20

(Very Short Answer Type Questions)

Note :- Answer all 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 2 marks.

1. (i) Why we need for farmers participation ?
- (ii) What is watershed and IWDF ?
- (iii) How much is Chambal Command C.C.A. ?
- (iv) How much is G.C.A. of Chambal Command ?
- (v) Constraints in implementing drainage projects. Mention points.
- (vi) Define land grading.
- (vii) Write the Inglis formula.
- (viii) Explain the levelling index.
- (ix) What is Watercourse ?
- (x) Define plane of best fit.

Section-B **4×10=40**

(Short Answer Type Questions)

Note :- Answer any *four* questions. Each answer should not exceed **200** words. Each question carries 10 marks.

2. Make a note on Chambal Command Area.
3. What is drop spillway ?
4. Explain the grazing land management.
5. What do you mean by rising water table in command area ?

6. Write soil factors which influence Drainage.
7. Traditional in situ water harvesting structures.
8. What is Form Pond ?
9. Define soil conservation.

Section-C **2×20=40**

(Long Answer Type Questions)

Note :- Answer any *two* questions. You have to delimit your each answer maximum up to **500** words. Each question carries 20 marks.

10. Net work planning. Explain.
11. What is IWAM concept ?
12. What are the different water control and diversion structures ?
13. What are the main advantages and disadvantages of open drains ?