

CE8603 IRRIGATION ENGINEERING

Important 13 Mark Questions

Part-B

1. What are the Demerits of irrigation?
2. Define Crop water requirement.
3. Illustrate the Need / necessity of irrigation.
4. Explain the various classification of crops.
5. What are the Factors affecting consumptive use of water?
6. Explain the Relationship between duty and delta.
7. List out and explain about Types of crop season
8. What are the factors affecting duties of water.?
9. Sketch the flow chart for types of irrigation system
10. Explain briefly about Lift irrigation.
11. Explain the various Methods of improving duty.
12. Explain about selection of site of a dam.
13. Explain about classification of diversion head works.
14. Explain about factors that governing the selection of type of dam.
15. Discuss about the forces acting on a Gravity dam and explain about wind Pressure, weight of dam, water and Wave pressure.
16. Explain the various considerations for alignment of a canal.
17. What are the types of cross drainage works? Describe them briefly with sketches.
18. Write the design procedure for Kennedy's theory for the channel.
19. What is the necessity of river training works? Describe different types of river training works.
20. What are the methods adopted for improving canal irrigation management?
21. Explain the techniques of minimizing irrigation water losses.
22. Describe the methods of water resource development.
23. Explain the different types of canal lining.
24. What are the problems of irrigation management without participatory management explain in detail?
25. Explain about on-farm water management.
26. Explain briefly about Participatory irrigation management and their benefits.