



23104635

**QP CODE: 23104635**

**Reg No** : .....

**Name** : .....

**B.Sc DEGREE (CBCS) REGULAR/IMPROVEMENT/REAPPEARANCE  
EXAMINATIONS, FEBRUARY 2023**

**First Semester**

B.Sc Geology and Water Management Model III

**Vocational Course - GW1VOT01 - INTRODUCTION TO WATER MANAGEMENT**

2017 Admission Onwards

058FF786

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. The science which deals with occurrence, distribution and circulation of water
2. Define Evaporation.
3. Define Fog.
4. Scientist who proposed climatic zone classification.
5. Most common condensation nuclei.
6. Define Sava Kuva.
7. Sponge filter.
8. Insitu water harvesting.
9. World wetland day
10. Ramsar wetland conservation treaty.
11. Define Urbanisation.
12. Name the Critical water resources zones in Kerala.

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Is a cloud Condensation.comment on it.
14. Comment a note on percolation and runoff.
15. Differentiate climate and weather.
16. Define lenticular clouds and Noctilucent clouds.
17. What are the major surface water harvesting structures in a water shed?
18. Describe any sub surface barrier used as ground water arresting structures.
19. Distinguish fen,vernal pool and mir.
20. What are the major threat to wetlands?
21. Role of water in India's deveolpment.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Define Hydrological cycle and explain its components.
23. Desribe Cloud classification.
24. Traditional and modern methods of groundwater harvesting.
25. List out the major Ramsar sites of kerala.

(2×15=30)

