



NATIONAL OPEN UNIVERSITY OF NIGERIA
National Open University Of Nigeria
Plot 91, Cadastral Zone, NnamdiAzikiwe Expressway, Jabi - Abuja
Faculty of Health Sciences
SEPTEMBER,2020

Course Code: EHS 318

Course Title: WATER RESOURCES MANAGEMENT

Course Units: 2 Credit Units

Time Allowed: 2 Hours

Total Score: 70 Marks

INSTRUCTION: Answer ALL the Question

1. (a) List ten (10) causes of water emergency in your country (10marks)
(b) Briefly discuss economic water scarcity and mention five regions majorly affected by economic water scarcity (10marks)
(c) List and explain types of exposure risk in a water treatment plant (10marks)
2. (a) Enumerate ten (10) causes of water scarcity (10marks)
(b) Concisely describe how water *hardness can be treated* (10marks)
3. Write short notes on the following water treatment processes
 - (a) Filtration (2.5marks)
 - (b) Screening (2.5marks)
 - (c) Sedimentation (2.5marks)
 - (d) Disinfection (2.5marks)
 - (e) Biosurvey of water (2.5marks)
 - (f) Hydropolitics (2.5marks)
 - (g) Aquifer (2.5marks)
 - (h) Importance of Water Quality assessment (2.5marks)

Total 20marks

