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School of University Polytechnic

Diploma in Civil Engineering
Mid Term Examination - Nov 2023

Duration : 90 Minutes
Max Marks : 50

Sem III - N1DB304B - Public Health EngineeringGeneral Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Explain hourly variation in water demand K2 (2)
- 2) Tell which chemical is in excess amount in drinking water if there is yellow tooth of a person drinking it. K1 (3)
- 3) Describe variation in demand. K2 (4)
- 4) Describe the chemical impurities present in water. K2 (6)
- 5) Write down the process of coagulation for water purification K3 (6)
- 6) Write down the process of chlorination for water purification. K3 (9)
- 7) Outline the working of rapid sand filter K4 (8)

- 8) Draw the diagram of slow sand filter and explain its working. K4 (12)

OR

- Draw the diagram of ring pattern of water supply. K4 (12)