Assignment 3

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1) A gently sloping underground tunnel to transport water from hills to a reservoir for irrigation and drinking is ____________

   a) Dam.  
   b) Diversion Canal.
   c) Aqueduct.
   d) Reservoir.

   Accepted Answers: 
   - c) Aqueduct.

2) _______ Hydraulics deals with understanding the mechanics of hydraulic engineering through mathematical modeling.

   a) Civil Engineering
   b) Mechanical Engineering
   c) Electrical Engineering
   d) Environmental Engineering

   Accepted Answers: 
   - d) Environmental Engineering

3) In India, ________ sector utilizes the major portion of the water resources.

   a) Industrial
   b) Domestic
   c) Agricultural
   d) Commercial

   Accepted Answers: 
   - c) Agricultural

4) The different variables to be considered while constructing a dam or reservoir are:

   a) Size of dam or reservoir.  
   b) Flow of canal
   c) Size of pumps
   d) All of the above

   Accepted Answers: 
   - d) All of the above

5) Water wheel was invented by ____________

   a) Hero of Alexandria
   b) Leonardo da Vinci
   c) Archimedes
   d) Aristotle

   Accepted Answers: 
   - c) Archimedes

6) The field of hydraulics which deals with interaction between hydraulic engineering projects and the societal response

   a) Environmental Hydraulics
   b) Socio-hydraulics
   c) Computational Hydraulics
   d) None of the above

   Accepted Answers: 
   - a) Environmental Hydraulics

7) Which of the following is a uses of soil as construction materials?

   a) Mud houses
   b) Embankments of river
   c) Concrete
   d) All of the above

   Accepted Answers: 
   - d) All of the above

8) Phenomenon in which the strength and stiffness of a soil is reduced by earthquake shaking is called as

   a) Raising
   b) Sinking
   c) Liquefaction
   d) Soil Slump

   Accepted Answers: 
   - c) Liquefaction

9) What is the shape of stress distribution below the ground surface called ________?

   a) Circular
   b) Oval
   c) Rectangular
   d) Triangular

   Accepted Answers: 
   - d) Triangular

10) Which of the following are considered while constructing a foundation?

   a) Shape, depth of foundation
   b) Type of foundation
   c) Danger of damage to surroundings
   d) Location of water table

   Accepted Answers: 
   - a) Shape, depth of foundation

Due on 2030-02-19, 23:59 IST.