Assignment-6

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

Hint: Quot.”” means “to the power”

Q.7: “Theta” means angle of incidence

1) Dredging activity is required for ___________.
   - Maintenance of navigation channels
   - Removal of organic matter from sediments
   - Beach nourishment
   - All the above
   No, the answer is incorrect. Score: 0
   Accepted Answers: Maintenance of navigation channels, Beach nourishment

2) Which of the following items would consist of organic carbon in it?
   - Fly ash
   - Steel slag
   - Waste glass
   - Dredged sediments
   No, the answer is incorrect. Score: 0
   Accepted Answers: Fly ash, Dredged sediments

3) __________ are the units of collapse potential
   - m/m
   - m^2/ls
   - m^3/sec
   - No units
   No, the answer is incorrect. Score: 0
   Accepted Answers: No units

4) What is the initial void ratio of a sandy soil deposit with a collapse potential of 0.11 and a final void ratio of 0.80?
   - 1.022
   - 1.02
   - 1.29
   - 0.96
   No, the answer is incorrect. Score: 0
   Accepted Answers: 1.02

5) Sands are more prone to collapse as compared to clays.
   - Yes
   - No
   No, the answer is incorrect. Score: 0
   Accepted Answers: Yes

6) The patterns used for the analysis of XRD information are known as __________.
   - Monograph
   - Diffactogram
   - Photograph
   - None of the above
   No, the answer is incorrect. Score: 0
   Accepted Answers: Diffactogram

7) Which of the following statements are not true in the context of XRD analysis?
   - XRD works on the principle of Beer-Lambert law
   - XRD is not an appropriate technique to identify the amorphous phase
   - The diffraction pattern is unique to a specific mineral
   - n=k D sin (theta), where the symbols have their specific connotation
   No, the answer is incorrect. Score: 0
   Accepted Answers: XRD works on the principle of Beer-Lambert law

Due on 2020-03-11, 23:59 IST.