Assignment 1

The due date for submitting this assignment has passed. Due on 2019-03-13, 23:59 IST. As per our records you have not submitted this assignment.

1) Study in the form of a field trip to the site which can give information about topography, geology, drainage pattern, vegetation and land use for subsurface investigation is known as:

- Preliminary Investigation
- Detailed Investigation
- Reconnaissance
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Reconnaissance

2) Step involved in Preliminary Subsurface Investigation includes:

- Reconnaissance
- Study of Maps
- Aerial Photographs
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

3) ----------- is defined as the process of evolution of landforms available.

- Geomorphology
- Geology
- Structural Geology
- Petrology

No, the answer is incorrect.
Score: 0
Accepted Answers:
Geomorphology

4) Guidelines regarding depth of exploration and spacing of boreholes for Dams can be found in:

- IS:6955-1973
- IS:6955-1997
- IS:6955-2000
- None of the above

Score: 0
Accepted Answers:
IS:6955-1973
28/07/2020 Subsurface exploration importance and techniques involved - - Unit 3 - Week 1: Subsurface Exploration: Need an...

- Week 7: Offshore investigations II
- Week 8: Dynamic Testing of Piles
- Interaction session

No, the answer is incorrect.
Score: 0
Accepted Answers:
IS:6955-1973

5) Guidelines regarding depth of exploration and spacing of boreholes for Multi-storey buildings can be found in:

- IS:6955-1973
- IS:1892-1979
- IS:4651-1974 (part 1)
- IS:5878-1972 (part 3)

No, the answer is incorrect.
Score: 0
Accepted Answers:
IS:1892-1979

6) Which of the following is not classified as “detailed subsurface investigation”?

- Investigation of new projects
- Investigation to ensure safety of adjoining structure
- Investigation for ground water table
- Investigations of defects/ failure in case of existing structures.

No, the answer is incorrect.
Score: 0
Accepted Answers:
Investigation for ground water table

7) Indian agency which provides information on subsoil in the forms of maps is;

- Bureau of Indian Standard
- Geological Survey of India
- International Organization for Standardization
- None of above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Geological Survey of India

8) An isoseismal map shows lines of ______

- Equal seismic magnitude
- Equal seismic hazard
- Equal seismic intensity
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Equal seismic intensity

9) _______ is required to understand the suitability of a site for the proposed project on the basis of the already existing information

- Available reports
- Detailed investigation
- Direct method of investigation

https://onlinecourses-archive.nptel.ac.in/noc19_ce10/unit?unit=7&assessment=16
Guidelines for the determination of the water table in boreholes is given in:

- IS:1892-1979
- IS:6935-1973
- IS:4651-1974 (part 1)
- IS:5878-1972 (part 3)

No, the answer is incorrect.
Score: 0
Accepted Answers: IS:6935-1973