

## QUIZ NO: 787

### TOPIC: GEOTECHNICAL ENGINEERING

**DATE: 26/12/2023**

1. The test which can be used for separating load carried by the pile is \_\_\_\_\_

- [A] Cyclic load test
- [B] Pile load test
- [C] Penetration test
- [D] All of the mentioned

**Answer: A**

2. For pile foundations, the depth of exploration at the start of the work is \_\_\_\_\_

- [A] 10 meters
- [B] 40 meters
- [C] 70 meters
- [D] 200 meters

**Answer: A**

**3. Exploratory borings in general exploration is carried out by using \_\_\_\_\_:**

- [A] Auger
- [B] Bore equipment
- [C] Well curb
- [D] All of the mentioned

**Answer: A**

**4. In site exploration, depth up to which the increase in pressure is likely to cause shear failure is known as \_\_\_\_\_:**

- [A] Failure depth
- [B] Significant depth
- [C] Pressure depth
- [D] Depth of exploration

**Answer: B**

**5. The various method of site exploration can be grouped under, which of the following?**

- [A] Open excavations and Borings
- [B] Soil strata
- [C] None of the mentioned
- [D] All of the mentioned

**Answer: A**

6. Hand auger can be used for depths up to \_\_\_\_\_

- [A] 7 m
- [B] 6 m
- [C] 2 m
- [D] 10 m

**Answer: B**

7. Rotary boring can also be called as \_\_\_\_\_

- [A] Percussion boring
- [B] Wash boring
- [C] Core boring
- [D] Pit boring

**Answer: C**

8. Wash boring cannot be used for \_\_\_\_\_ type of soil strata

- [A] Cohesive soil
- [B] Cohesion less soil
- [C] Boulder
- [D] All of the mentioned

**Answer: C**

9. The commonly used geophysical method for site exploration is \_\_\_\_\_

- [A] Gravitational method
- [B] Electrical resistivity
- [C] Magnetic method
- [D] All of the mentioned

**Answer: B**

10. Which clay mineral exhibit more swelling potential?

- [A] Kaolinite
- [B] Illite
- [C] Montmorillonite
- [D] Mica

**Answer: C**

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