

Civil Engineering Building Construction MCQ Questions and Answers Pdf Download

1. For pile driving near the existing buildings piles preferred as
  - a. Steel
  - b. Precast concrete piles
  - c. Cast in situ concrete piles
  - d. Timber pilesAns: A
2. The maximum intensity of loading that the soil will safely carry without the risk of shear failure irrespective of settlement is known as
  - a. Ultimate bearing capacity
  - b. Safe bearing capacity
  - c. Safe bearing pressure
  - d. Gross allowable bearing pressureAns: B
3. Maximum bearing capacity of soil is that of
  - a. Soft rock
  - b. Coarse sand
  - c. Fine sand
  - d. Sand clay mixtureAns: A
4. Bearing capacity of soil can be improved by
  - a. Draining the soil
  - b. Confining the soil
  - c. Compacting
  - d. Any of the aboveAns: D
5. In trenching for foundations boning rod is used to
  - a. Maintain the required spacing between the sheetings
  - b. To strengthen the frame supporting sheeting
  - c. To check the level of foundation depth
  - d. To strengthen sheeting

Ans; C

6. A temporary structure built around a construction site to remove water and make the area reasonably dry is known as
  - a. Caisson
  - b. Cofferdam
  - c. Well foundation
  - d. Raft foundationAns: B
7. A watertight chamber, which becomes a permanent part of the construction work is known as
  - a. Cofferdam
  - b. Well foundation
  - c. Raft foundation
  - d. Caisson

Ans: D

8. In rainy season black cotton soil swells by
- a. 5-10%
  - b. 10-15%
  - c. 20-30%
  - d. 35-45%

Ans: C

9. Sand blasting is the process of
- a. Quarrying of igneous rock
  - b. Quarrying of sedimentary rock
  - c. Dressing stones
  - d. Making carvings on the surface of stone

Ans: D

10. The cheapest stone masonry is
- a. Dry rubble masonry
  - b. Uncoursed random rubble masonry
  - c. Random square rubble masonry
  - d. Flint walling

Ans: A