

Civil Engineering Quiz 004 (Mixed)

Quiz Instructions

- Before attempting, carefully read the question text.
- Then choose the correct answer.
- Click on "**Submit**" to confirm your answer.
- Use the **Question List** in the upper left corner to jump to a certain question.

1. Sand requiring a high water cement ratio, belongs to

- A) Zone I
- B) Zone II
- C) Zone III
- D) Zone IV

2. The maximum amount of dust which may be permitted in aggregates is

- A) 5% of the total aggregates for low workability with a coarse grading
- B) 10% of the total aggregates for low workability with a fine grading
- C) 20% of the total aggregates for a mix having high workability with fine grading
- D) All options are correct

3. For the construction of cement concrete floor, the maximum permissible of aggregates is

- A) 4 mm
- B) 6 mm
- C) 8 mm
- D) 10 mm

4. A flaky aggregate is said to be elongated if its length is

- A) equal to the mean size
- B) twice the mean size
- C) thrice the mean size
- D) four times the mean size

5. The final operation of finishing floors is known as

- A) floating
- B) finishing
- C) troweling
- D) All options are correct

- 6.** Expansion joints are provided if the length of concrete structures exceeds
- A) 10 m
 - B) 15 m
 - C) 25 m
 - D) 45 m
- 7.** The cement becomes useless if its absorbed moisture content exceeds
- A) 0.01
 - B) 0.02
 - C) 0.03
 - D) 0.05
- 8.** For concreting the surface of the runways, roads and pavements, the aggregate impact value shall not exceed by weight
- A) 0.2
 - B) 0.25
 - C) 0.3
 - D) 0.45
- 9.** Pick up the correct statement from the following
- A) There should not be any loss of cement from the charged drum of the mixer
 - B) Cement should be mixed for at least one minute
 - C) 10% of water is placed in the rotating drum before adding dry material
 - D) All options are correct
- 10.** Pick up the correct statement from the following
- A) Density of normal concrete is about 2400 kg per cubic metre
 - B) Density of light weight concrete is about 1900 kg per cubic metre
 - C) Density of heavy concrete is about 3580 kg per cubic metre
 - D) All options are correct

Answer Keys

Question	Answer
1	A
2	D
3	D
4	B
5	C

Question	Answer
6	D
7	D
8	C
9	D
10	D