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Concrete Technology and Structures Design MCQ Test

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Below are the **Concrete Technology and Structures Design MCQ** test that checks your basic knowledge of Concrete Technology and Structures Design. This **Concrete Technology and Structures Design MCQ Test** contains 20 Multiple Choice Questions. You have to select the right answer to the question. Finally, you can also take the Online Quiz from the Take **Concrete Technology and Structures Design Quiz** Button.

Q1. Which of the following cement is generally used for road pavements?

- A. Low heat cement
- B. Ordinary Portland cement
- **C. Rapid hardening cement**
- D. Blast furnace slag cement

Q2. has high tensile strength?

- **A. Cold drawn wires**
- B. Plain hot rolled wires
- C. Heat treated rolled wires
- D. All have same tensile strength

Q3. For ensuring quality of concrete, use

- A. Coarse aggregates
- **B. Graded aggregates**
- C. Two sized aggregate
- D. Single sized aggregates

Q4. The mixture of different ingredients of cement, is burnt at

- A. 1200°C

- **B. 1400°C**
- C. 1800°C
- D. 1600°C

Q5. The risk of segregation is more for

- A. Wetter mix
- B. Coarser grading
- C. Larger proportion of maximum size aggregate
- **D. All of the above**

Q6. After casting, an ordinary cement concrete on drying

- A. Mix
- B. Expands
- C. Shrinks
- D. None of the above

Q7. Proper proportioning of concrete, ensures desired strength and workability.

- **A. True**
- B. False

Q8. The bulk density of aggregates does not depend upon

- A. The grading of aggregates
- B. The specific gravity of aggregates
- **C. The size and shape of the container**
- D. None of the above

Q9. Construction joints are provided in concrete wall at sill level of windows.

- **A. True**
- B. False

Q10. The increased cohesiveness of concrete, makes it

- A. More liable to bleeding
- **B. Less liable to segregation**
- C. More liable to segregation
- D. None of the above

Q11. What is the ratio of the length to breadth of a wooden float?

- A. 6.5
- B. 5.5
- **C. 8.5**
- D. 7.5

Q12. Workability improved by adding

- A. Oily-agent
- B. Foaming agent
- C. Air-entraining agent
- **D. All of the above**

Q13. The commonly used material in the manufacture of cement is

- A. Slate
- B. Graphite
- **C. Lime stone**
- D. Sand stone

Q14. Curing a concrete for long period ensures better

- A. Strength
- B. Volume stability
- C. Water resistance
- **D. All of the above**

Q15. Concrete mainly consists of

- A. Water
- B. Cement
- C. Admixture

- **D. All of the Above**

Q16. Vicat's apparatus is used for

- A. Setting time test
- **B. Consistency test**
- C. Soundness test
- D. None of the above

Q17. Workability of concrete is measured by

- **A. Slump test**
- B. Talbot Richard test
- C. Vicat apparatus test
- D. None of the above

Q18. Ordinary concrete is not used for concrete grade

- **A. M 400**
- B. M 250
- C. M 150
- D. None of the above

Q19. Batching error means inaccuracy in the quantity of

- A. Cement
- B. Aggregates
- **C. Both Cement & Aggregates**
- D. None of the above

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