

تعداد سوالات: تستی: ۲۵ تشریحی: —
زمان آزمون (دقیقه): تستی: ۲۵ تشریحی: —

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مجاز است.

نام درس: زبان تخصصی
رشته تحصیلی / کد درس: مهندسی مدیریت پروژه - ۱۶۳

استفاده از:

کد سری سؤال: یک (۱)

امام خمینی^(ره): این محرم و صفر است که اسلام را زنده نگه داشته است.

1. A section of a dam designed to pass water from upstream side of a dam to the down stream side is called

- a. cofferdam
- b. dike
- c. spillway
- d. levee

2. Homogeneous rolled – earth dam

- a. is entirely constructed of one type of material.
- b. is constructed of different type of materials.
- c. consists of an impervious core within the embankment.
- d. consists of an asphalt part with in the rockfill embankment.

3. are used to allow construction on the foundation of permanent dams, bridges. They are used to exclude water from an area that is normally submerged.

- a. Gravity dams
- b. Cofferdams
- c. Steel dams
- d. Earth dams

4. Humidity or moisture induced expansion causes loads that is called

- a. Live loads
- b. environmental loads
- c. extreme loads
- d. dynamic loads

5. Piles, shafts and caissons are different types of

- a. Shallow foundations
- b. mat foundations
- c. spread footings
- d. deep foundations

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6. In welding the positively charged anode will have a greater heat concentration and changing the polarity of electrode has an impact on weld properties. impact means:

- a. Control
- b. harmful effect
- c. supply
- d. rely

7. is used for precision welding of items such as jewelry.

- a. Oxyful welding
- b. Plastic welding
- c. Water torch
- d. Acetylene welding

8. In submerged arc welding, the arc is struck beneath a covering layer of flux to

- a. block the contaminants of atmosphere
- b. block the current
- c. block the penetration of electrode
- d. block the carbon dioxide

9. In reinforced concrete,, to eliminate internal stresses.

- a. the young's Modulus of concrete should be near to that of steel.
- b. the coefficient of thermal expansion of concrete should be near to that of steel.
- c. the compressive strength of steel and concrete should be enough.
- d. the tensile strength of steel and concrete should be enough.

10. In a reinforced concrete member, the rebars may be bent into a to transfer the tension forces appropriately.

- a. column
- b. corrosion
- c. tensile stress
- d. hook

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11..... involves stretching steel rods and pouring concrete around them to form heavy – construction elements such as bridge girders.

- a. Reinforced concrete
- b. Masonry
- c. Prestressing
- d. Piling

12. Masonry must be built upon a firm foundation to

- a. avoid frost damage.
- b. avoid settling and cracking.
- c. avoid expansion of soils .
- d. avoid lateral instability.

13. A major issue of a solid masonry is :

- a. susceptibility to earthquakes and collapse.
- b. susceptibility to sever weather conditions and collapse.
- c. different application in modern wall construction
- d. high resistance relative to reinforced concrete walls.

14. When quicklime is mixed with water it forms calcium hydroxide, also called

- a. limestone
- b. marble
- c. calcium carbonate
- d. slaked lime

15..... plaster is used in interior spaces.

- a. Quick lime
- b. Gypsum
- c. Masonry
- d. Limestone

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16. Brickwork, like concrete has little tensile strength and works by every thing being kept in

- a. reinforced – compression
- b. unreinforced – tension
- c. reinforced – tension
- d. unreinforced – compression

17. Brick had been burnt in to a

- a. course
- b. bond
- c. kiln
- d. decorate

18. A must secure funding for a project.

- a. real state developer
- b. construction manager
- c. facility manager
- d. contractor

19. is a discipline of defining and achieving targets while optimizing the use of resources over the course of a project.

- a. Project management
- b. Financial management
- c. Educational management
- d. Facility management

20. Steel is a metal whose major component is iron.

- a. delay
- b. alloy
- c. decay
- d. tally

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21. A cost engineer works as a quantity

- a. labor
- b. contractor
- c. tender
- d. surveyor

22. An infrastructure

- a. is a structure that is built under ground.
- b. is a very high building.
- c. is a specific structure such as a dam.
- d. is a fractured structure due to earthquake.

23. Presently, a Firm may have many experts from all related fields as employees. The word "Firm" means

- a. stiff
- b. brittle
- c. contraction
- d. company

24. A civil engineer the great sources of the power of Nature for the use and convenience of Human kind.

- a. directs
- b. provides
- c. distinguishes
- d. supplies

25. Hazardous waste management is the job of a/an

- a. geotechnical engineer
- b. urban Engineer
- c. environmental Engineer
- d. construction Engineer