

1-We first built primitive huts and houses.'hut' means .....

- |          |                  |           |             |
|----------|------------------|-----------|-------------|
| 1. Tower | 2. Basic shelter | 3. Mosque | 4. Building |
|----------|------------------|-----------|-------------|

2-The Egyptians began to use ..... as their primary building material.

- |             |          |          |         |
|-------------|----------|----------|---------|
| 1. concrete | 2. brick | 3. stone | 4. wood |
|-------------|----------|----------|---------|

3-A very rigorous price bidding means :

- |                             |                            |
|-----------------------------|----------------------------|
| 1. A very close competition | 2. A very easy competition |
| 3. A predictable bidding    | 4. A fraud bidding         |

4-..... are not restricted by the rules set forth in open building.

- |                   |            |             |             |
|-------------------|------------|-------------|-------------|
| 1. Private owners | 2. Workers | 3. Resident | 4. Engineer |
|-------------------|------------|-------------|-------------|

5-The outcome of the ..... will indicate whether or not proceed with the proposed venture.

- |                      |                    |           |        |
|----------------------|--------------------|-----------|--------|
| 1. feasibility study | 2. laboratory test | 3. design | 4. bid |
|----------------------|--------------------|-----------|--------|

6-What does "contingency" mean?

- |               |              |                |               |
|---------------|--------------|----------------|---------------|
| 1. Confidence | 2. Pollution | 3. Possibility | 4. Containing |
|---------------|--------------|----------------|---------------|

7-Which one is Not among the three primary balancing factors of a project?

- |               |          |            |         |
|---------------|----------|------------|---------|
| 1. Technology | 2. Money | 3. Quality | 4. Time |
|---------------|----------|------------|---------|

8-To eliminate the situation of running out of budget, engineer allows sum of money to cover unexpected works.'eliminate' means .....

- |               |            |           |           |
|---------------|------------|-----------|-----------|
| 1. contribute | 2. approve | 3. design | 4. remove |
|---------------|------------|-----------|-----------|

9-"excavation" is closest in meaning to .....

- |         |        |         |            |
|---------|--------|---------|------------|
| 1. Fill | 2. Cut | 3. Pour | 4. Finance |
|---------|--------|---------|------------|

10-what does "strive" mean?

- |        |        |             |         |
|--------|--------|-------------|---------|
| 1. Try | 2. Bid | 3. Allocate | 4. Send |
|--------|--------|-------------|---------|

11-High-rise buildings are usually framed in ..... with thin ..... floor slabs.

- |                    |                     |
|--------------------|---------------------|
| 1. steel, wooden   | 2. concrete, wooden |
| 3. concrete, steel | 4. Steel, concrete  |

12-Which one definitely is Not a sample of horizontal load?

- |                      |                    |
|----------------------|--------------------|
| 1. Wind load         | 2. Soil weight     |
| 3. Sub-soil pressure | 4. Earthquake load |

**13-Which one is considered as dead load?**

- |             |                       |
|-------------|-----------------------|
| 1. fatigue  | 2. immovable fixtures |
| 3. momentum | 4. vibration          |

**14-Earthquake engineering is the scientific field concerned with ..... society.**

- |                |            |                |               |
|----------------|------------|----------------|---------------|
| 1. controlling | 2. seismic | 3. experienced | 4. protecting |
|----------------|------------|----------------|---------------|

**15-Traditionally, Earthquake engineering has been narrowly defined as the study of the ..... of structures.**

- |         |           |             |           |
|---------|-----------|-------------|-----------|
| 1. cast | 2. effect | 3. behavior | 4. Manner |
|---------|-----------|-------------|-----------|

**16-..... are designed to deliver the water flowing through the valve into a fixture.**

- |          |            |            |                  |
|----------|------------|------------|------------------|
| 1. Sinks | 2. Bridges | 3. Faucets | 4. Water closets |
|----------|------------|------------|------------------|

**17-Kitchen sinks could have three bowls to permit ..... uses.**

- |           |                 |                |           |
|-----------|-----------------|----------------|-----------|
| 1. solely | 2. simultaneous | 3. development | 4. unique |
|-----------|-----------------|----------------|-----------|

**18-.....is the earliest possible time that an activity can start according to the relationships appointed to the activity.**

- |                |                |               |                 |
|----------------|----------------|---------------|-----------------|
| 1. Early start | 2. Late finish | 3. Late start | 4. Early finish |
|----------------|----------------|---------------|-----------------|

**19-Which type of contracts is common for heavy civil and highway projects?**

- |             |                  |             |               |
|-------------|------------------|-------------|---------------|
| 1. Turn key | 2. Cost plus fee | 3. Lump sum | 4. Unit Price |
|-------------|------------------|-------------|---------------|

**20-What are the two most common types of scheduling?**

- |                                |                                       |
|--------------------------------|---------------------------------------|
| 1. Bar chart, Scheduling Table | 2. Scheduling Table, Network Diagrams |
| 3. Bar chart, Network Diagrams | 4. Scheduling Table, WBS              |

**21-The design and build strategy requires the contractor to take overall responsibility for both design and construction. 'responsibility' means .....**

- |         |              |             |          |
|---------|--------------|-------------|----------|
| 1. task | 2. structure | 3. movement | 4. build |
|---------|--------------|-------------|----------|

**22-What type of contract is common for building construction?**

- |               |                  |             |                |
|---------------|------------------|-------------|----------------|
| 1. Unit price | 2. Cost plus fee | 3. Lump sum | 4. Legislation |
|---------------|------------------|-------------|----------------|

**23-What type of procurement methods is based on rigid separation of design and construction?**

- |                     |                       |
|---------------------|-----------------------|
| 1. Turn Key         | 2. Traditional method |
| 3. Design and Build | 4. Joint Venture      |

**24-Which one of procurement methods is similar to joint venture?**

- |                |               |             |           |
|----------------|---------------|-------------|-----------|
| 1. Traditional | 2. Consortium | 3. Turn Key | 4. Design |
|----------------|---------------|-------------|-----------|

25-.....are constructed in the form of a continuous slab.

1. Raft foundations
2. Pad foundations
3. Strip foundations
4. Ground beams

26-..... is the process of finding, recognizing and recording risks.

1. Risk analysis
2. Risk identification
3. Risk management
4. Risk response

27-Risk analysis involves consideration of the ..... of risk.

1. analysis and estimation
2. impact and results
3. kinds and classification
4. causes and sources

28-..... may be described as a systematic way of looking at areas of risk.

1. Risk element
2. Risk management
3. Accommodation
4. Risk identification

29-What is the meaning of bulk?

1. float
2. Coordinate
3. voloume
4. empty

30-The ..... is one of the most powerful management tools which deals with 'how long'.

1. schedule
2. technology
3. context
4. money

شماره سوال	پاسخ صحیح
1	ب
2	ج
3	الف
4	الف
5	الف
6	ج
7	الف
8	د
9	ب
10	الف

11	د
12	ب
13	ب
14	د
15	ج
16	ج
17	ب
18	الف
19	د
20	ج
21	الف

22	ج
23	ب
24	ب
25	الف
26	ب
27	د
28	ب
29	ج
30	الف