

SUPERVISOR SCAFFOLDING ON CONTRACT BASIS

General Knowledge.

1. Which is the only body part that is fully grown from birth?
 - a. Eyes
 - b. Heart
 - c. Nail
 - d. Barin

2. What is the largest internal organ in the human body?
 - a. Bone
 - b. Liver
 - c. Nerve
 - d. blood veins

3. Which of the following Article of the Indian Constitution states "Equality of Opportunity in public employment"?
 - a. article 16
 - b. article 17
 - c. article 18
 - d. article 19

4. What is the boiling point of 'Heavy Water'?
 - a. 101.4 °c
 - b. 102.4 °c
 - c. 103.6 °c
 - d. None of the above

5. What is the freezing point of water in Celsius?
 - a. 0 degrees Celsius
 - b. -1 degrees Celsius
 - c. -0.1 degrees Celsius
 - d. -2 degrees Celsius

General English

1. He went to the libraryto find that it was closed.

- a. seldom
- b. never
- c. only**
- d. solely

2. His directions misled us we did not know which of the two roads to take.

- a. complicated
- b. ambiguous**
- c narrow
- d. fantastic

3. Even after repeated warnings, he to office on time.

- a. never come
- b. never comes**
- c. is never coming
- d. have never come

4. Choose the correct antonym from the choices for each of the following capitalized words

SCEPTICAL

- a. Doubtful
- b. Convinced**
- c. Questioning
- d. Cynic

5. What is the antonym of the word “professional” w.r.t its usage in the passage?

- a. Competent
- b. Amateur**
- c. Master
- d. Polished

Reasoning

Reasoning A:

A, B, C, D, E, F and G are seven persons who travel to office everyday by a particular train which stops at five stations 1,2, 3, 4 and 5 respectively after leaving its base station.

- (i) Three among them get on the train at the base station.
- (ii) D gets down at the next station at which F gets down.
- (iii) B does not get down either with A or F.
- (iv) G alone gets on at station 3 and gets down with C after having passed one station.
- (v) A travels between only two stations and gets down at station 5.
- (vi) None of them gets on at station 2.
- (vii) C gets on with F but does not get on with either B or D.
- (viii) E gets on with two others and gets down alone after D.
- (ix) B and D work in the same office and they get down together at station 3.
- (x) None of them get down at station 1.

1. At which station does E get down?

- a. 2
- b. 3
- c. 4**
- d. Cannot be determined

2. At which station do both C and F get on?

- a. 1
- b. 2
- c. 4
- d. None of these**

3. At which of the following stations do B and D get on?

- a. 1
- b. 2
- c. 3
- d. Cannot be determined**

Reasoning :B

Directions for questions 4. To 5 : Read the following passage and solve the questions based on it.

A business school publishes three issues of their research Journal in a year. The editor decided that the upcoming three issues April, August and December would carry articles written by seven of the most reputed professors of the school. Each of the seven authors (T, U, V, W, X, Y and Z) will have at least one article published but some may have more than one article published. The following restrictions apply to the publication of the articles:

- (i) Each of the issues being prepared must contain at least two articles.
- (ii) Only these seven professors' articles can appear in the upcoming April, August and December issues.
- (iii) No author may publish in each of the two consecutively published issues or twice in the same issue.
- (iv) If an article written by T appears in an issue, then an article written by U must also appear in that issue.
- (v) If an article written by W appears in an issue, then an article written by Y must appear in the immediately preceding issue.
- (vi) An article written by Y cannot be published in an issue that contains an article written by Z.

4. If the April issue consists exclusively of articles written by T and U, then the August issue can consist exclusively of articles written by which of the following group of authors?

- a. V and X
- b. V and Y**
- c. W and Z
- d. V, Y and Z

5. If the April issue consists exclusively of articles written by U, V and Z, then the August issue must contain an article written by which of the following authors?

- a. W
- b. X
- c. Y**
- d. Z

Quantitative aptitude

1. The percentage increase in the area of a rectangle, if each of its sides is increased by 20% is:

- a. 40%
- b. 42%
- c. 44%**
- d. 46%

2. In a car race, car A beats car B by 45 km, car B beats car C by 50 km and (in km) over which the race has been conducted is:

Ans:

- a. 475
- b. 500
- c. 450**
- d. 550

3. Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively and they cross each other in 23 seconds. The ratio of their speeds is:

- a. 1: 3
- b. 3: 2**
- c. 3: 4
- None of these

4. A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?

- a. 120 m
- b. 240 m**
- c. 300 m
- d. None of these

5. Which one of the following is not a prime number?

- a. 31
- b. 61
- c. 71
- d. 91**

**OBJECTIVE TYPE WRITTEN TEST TO THE POST OF
SUPERVISOR (Scaffolding) ON CONTRACT ROLL**

1. The safest ladder to use around electricity is:
A) Wood
B) Aluminium
C) A smaller step stool
D) Fiberglass

2. Which classes of fires are caused by flammable liquids such as petrol, tar, paint?
A) Class A fires
B) Class B fires
C) Class C fires
D) Class D fires

3. Fire can be reduced by removing
A) Oxygen
B) Heat
C) Fuel
D) Any of above

4. When does a scaffold inspector complete an inspection?
A) After loss prevention has inspected the scaffold
B) After loss prevention has signed the scaffold
C) After the scaffold supervisor has inspected scaffold
D) After the scaffold supervisor has signed the scaffold tag

5. What color tag is used when a scaffold is being erected or dismantling?
A) Red
B) Green
C) Yellow
D) Yellow

6. What is the meaning of yellow tag?
A) Nobody may work on a scaffold without a work permit
B) A full body harness must be worn and anchored
C) A full body harness must be worn
D) A safety belt must be worn and anchored

7. The preferred distance between ladders rungs is.....
A) 200 mm
B) 300 mm
C) 400 mm
D) 600 mm

8. What type of ladder is not use near electrical power lines?
A) Fiber Glass ladder
B) Wooden ladder
C) Job made ladder
D) Aluminum ladder
9. The distance of ladder from ground must be.....
A) 200 mm
B) 300 mm
C) 450 mm
D) 600 mm
10. At what angle must “Zig Zag” bracing be installed?
A) Right-angle coupler
B) A sleeve coupler
C) A bearer coupler
D) A splice
11. Scaffold planks (boards) must overlap by at least.....
A) 200 mm
B) 300 mm
C) 450 mm
D) 610 mm
12. The width for a ladder landing (rest platform) must be at least.....
A) 1 scaffold plank (225 mm/9")
B) 2 scaffold planks (450 mm/18")
C) 3 scaffold planks (675 mm/27")
D) 5 scaffold planks (1125 mm/45")
13. Which type of system scaffold must not be used?
A) Cup locking
B) Captive wedge
C) Quick fix
D) Locking – pin
14. What must you do before you rely on a fall arrest system?
A) Attached a weight and let it fall
B) Company name
C) Inspect that fall arrest system
15. What is the correct slope at which ladder should be used?
A) 3m horizontal for 1m vertical
B) 1m horizontal for 3m vertical
C) 4m horizontal for 1m vertical

16. What is the purpose of diagonals and braces in scaffolding?
- A) To provide a comfortable seating area for workers
 - B) To add decorative elements to the scaffold
 - C) To reduce sway and enhance the scaffold's stability**
 - D) To store tools and materials
17. Which type of scaffolding is ideal for tasks that involve a lot of movement around a work area?
- A) Supported scaffolding
 - B) Suspended scaffolding
 - C) Aerial lifts
 - D) Rolling scaffolding**
18. What does OSHA stand for in the context of scaffolding safety?
- A) Occupational safety and health association
 - B) Operating Safety and Health administration
 - C) Occupational standards and health authority
 - D) Occupational Safety and Health administration**
19. Which component of scaffolding is responsible for providing lateral support and stability?
- A) Standards
 - B) Ledgers**
 - C) Diagonals
 - D) Braces
20. What is the minimum distance scaffolding should be from power lines to ensure safety?
- A) 1 foot
 - B) 3 feet**
 - C) 10 feet
 - D) 4 feet