

CONSTRUCTION INTERVIEW QUESTIONS

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1. What is the minimum vertical distance required between the top edge of a safety net and the walking/working surface?

- A. 5 feet (1.5 m)
- B. 10 feet (3.0 m)
- C. 20 feet (6.1 m)
- D. 30 feet (9.1 m)

Correct Answer: C

2. Safety nets must be drop-tested or inspected by a competent person at least how often?

- A. Daily
- B. Weekly
- C. Every 6 months
- D. Before each new installation and after any repair

Correct Answer: B

3. Ladders used to access an upper landing surface must extend at least what distance above that landing surface?

- A. 1 foot (0.3 m)
- B. 2 feet (0.6 m)
- C. 3 feet (0.9 m)
- D. 4 feet (1.2 m)

Correct Answer: C

4. Non-self-supporting ladders (like extension ladders) should be used at an angle where the horizontal distance from the base to the support is approximately what ratio of the working length of the ladder?

- A. 1:2
- B. 1:3
- C. 1:4
- D. 1:6

Correct Answer: C

5. When must an employee wear a protective helmet designed to reduce electrical shock hazard?

- A. Only when raining.
- B. Only when working directly on energized conductors.
- C. When working near or on energized electrical conductors or conductors which could be energized.
- D. Only when the employer provides one.

Correct Answer: C

6. What is the maximum travel distance to a fire extinguisher intended for flammable liquid fires (Class B hazards)?

- A. 50 feet (15.2 m)
- B. 75 feet (22.9 m)
- C. 100 feet (30.5 m)
- D. 250 feet (76.2 m)

Correct Answer: A

7. What is the minimum distance required between a boom or load of a crane/derrick and power lines rated from 50 kV to 200 kV?

- A. 10 feet (3.0 m)
- B. 15 feet (4.6 m)
- C. 20 feet (6.1 m)
- D. 30 feet (9.1 m)

Correct Answer: B

8. When welding, cutting, or heating is performed on a surface coated with toxic preservatives (like zinc, lead, or cadmium), what level of ventilation is generally required?

- A. Local exhaust ventilation.
- B. Only general mechanical ventilation.
- C. No ventilation if the work is outdoors.
- D. A positive pressure respirator only.

Correct Answer: A

9. A fire watch must be maintained for at least how long after welding or cutting operations are completed if fire hazards are present?

- A. 15 minutes.
- B. 30 minutes.

- C. 1 hour.
- D. Until the next shift begins.

Correct Answer: B

10. The Controlled Decking Zone (CDZ) is an area established in steel erection where workers can work without fall protection if the working surface is no more than how many feet above the next lower level?

- A. 15 feet (4.6 m)
- B. 30 feet (9.1 m)
- C. 40 feet (12.2 m)
- D. 50 feet (15.2 m)

Correct Answer: C

11. What is the required maximum slope for stable rock in an excavation?

- A. Vertical (90 degrees)
- B. 3/4H:1V (53 degrees)
- C. 1H:1V (45 degrees)
- D. 1.5H:1V (34 degrees)

Correct Answer: A

12. For Type A soil in an excavation, what is the maximum allowable slope for shoring or benching?

- A. Vertical (90 degrees)
- B. 3/4H:1V (53 degrees)
- C. 1H:1V (45 degrees)
- D. 1.5H:1V (34 degrees)

Correct Answer: B

13. What is required for mechanical equipment that is primarily mobile and intended to be used for lifting or hoisting construction loads?

- A. A registered professional engineer's stamp.
- B. A load-indicating device (or load chart).
- C. A permanently attached spotter.
- D. A satellite tracking device.

Correct Answer: B

14. When temporary wiring is installed, what must be provided at the source of power or the beginning of each temporary branch circuit?

- A. A safety ground only.
- B. A grounding rod only.
- C. A means of disconnecting and overcurrent protection.
- D. A GFCI only.

Correct Answer: C

15. For motor-operated equipment, a means of disconnecting the motor and the driven machinery from the power source must be located within what proximity of the motor controller?

- A. Within the building.
- B. Within sight of the motor controller.
- C. No specific requirement.
- D. At the main panel only.

Correct Answer: B

16. Material piles must be kept at least how far back from railroad tracks?

- A. 4 feet (1.2 m)
- B. 6 feet (1.8 m)
- C. 8 feet (2.4 m)
- D. 10 feet (3.0 m)

Correct Answer: B

17. How high can brick stacks be piled without taper or restraint?

- A. 4 feet (1.2 m)
- B. 5 feet (1.5 m)
- C. 7 feet (2.1 m)
- D. 10 feet (3.0 m)

Correct Answer: D

18. Who must instruct an employee in the safe use and operation of a powder-actuated tool?

- A. Any co-worker who has used the tool.
- B. A Qualified Person who has been trained by the manufacturer or authorized representative.
- C. The employee's direct supervisor.
- D. A Competent Person.

Correct Answer: B

19. The employer must provide what for pneumatic tools to prevent the attachment from being accidentally expelled?

- A. A gauge.
- B. A retaining device.
- C. A shutoff valve.
- D. A check valve.

Correct Answer: B

20. When are employers required to institute a hazard communication program (HazCom)?

- A. Only when using chemicals with a PEL.
- B. Only when required by a government inspector.
- C. Whenever employees are exposed to hazardous chemicals.
- D. Only for chemicals stored in large drums.

Correct Answer: C

21. If a change in a work area exposes an employee to a new chemical hazard, when must additional training be provided?

- A. Only during the annual training review.
- B. Before the employee starts work in that area.
- C. Within 30 days of the exposure.
- D. Only if the employee requests it.

Correct Answer: B

22. When employees work in a trench excavation where water is accumulating, what must be done to protect employees?

- A. Provide waterproof boots only.
- B. Use shoring only.
- C. Use special support or shield systems, or remove the water.
- D. Pump the water out at the end of the shift.

Correct Answer: C

23. A Competent Person must inspect scaffolds and scaffold components at what frequency?

- A. Before each work shift and after any occurrence that could affect structural integrity.
- B. Weekly, only if in continuous use.
- C. Monthly, with a signed report.
- D. Only before initial use.

Correct Answer: A

24. For scaffolds taller than 4:1 base dimension ratio, what is required?

- A. A permit from the local authority.
- B. A qualified person's design.
- C. A Competent Person to supervise use.
- D. Additional planking on all sides.

Correct Answer: B

25. What is the maximum distance between tie-ins for a scaffold that is 3 feet wide?

- A. 20 feet (6.1 m) horizontally and 26 feet (7.9 m) vertically.
- B. 25 feet (7.6 m) horizontally and 30 feet (9.1 m) vertically.
- C. 30 feet (9.1 m) horizontally and 36 feet (11.0 m) vertically.
- D. 40 feet (12.2 m) horizontally and 42 feet (12.8 m) vertically.

Correct Answer: D

26. When employees are permitted to work beneath suspended loads, what must they be wearing?

- A. No specific requirement.
- B. A Class E protective helmet.
- C. A personal fall arrest system.
- D. An approved hard hat.

Correct Answer: D

27. Stairways having four or more risers or rising more than 30 inches (76 cm) must be equipped with what?

- A. Non-slip treads.
- B. Guardrails and handrails.
- C. Flashing warning lights.
- D. Emergency exit signs.

Correct Answer: B

28. Portable electric hand tools must be equipped with one of the following, EXCEPT:

- A. A three-wire cord with ground.
- B. Double insulation.
- C. A quick-disconnect coupling.

D. Powered by a low voltage isolation transformer.

Correct Answer: C

29. What must be provided for employees required to work in areas where they are exposed to injurious corrosive materials?

- A. Barrier creams only.
- B. Suitable facilities for quick drenching or flushing of the eyes and body.
- C. A first aid kit with only bandages.
- D. Goggles and a face shield only.

Correct Answer: B

30. What is the minimum illumination intensity required for general construction areas, concrete placement, excavations, and waste areas?

- A. 2 foot-candles (22 lux)
- B. 5 foot-candles (54 lux)
- C. 10 foot-candles (108 lux)
- D. 20 foot-candles (215 lux)

Correct Answer: A

31. Toilet facilities are required for every what number of employees on a construction site?

- A. 20 or fewer.
- B. 30 or fewer.
- C. 40 or fewer.
- D. 50 or fewer.

Correct Answer: C

32. Who is responsible for determining if a confined space is a Permit-Required Confined Space (PRCS)?

- A. The employer.
- B. The Competent Person.
- C. The project owner.
- D. The employee who will enter.

Correct Answer: A

33. What is the maximum height a free-standing wall or chimney can be demolished above the floor or grade immediately below it?

- A. One story or 12 feet (3.7 m)

- B. Two stories or 25 feet (7.6 m)
- C. Three stories or 30 feet (9.1 m)
- D. No more than 40 feet (12.2 m)

Correct Answer: A

34. When must Rollover Protective Structures (ROPS) and seat belts be provided on material handling equipment?

- A. Only when operating on slopes.
- B. Only on new equipment manufactured after 1999.
- C. On all rubber-tired, self-propelled scrapers, front-end loaders, dozers, and graders.
- D. On skid steer loaders only.

Correct Answer: C

35. Explosives and blasting agents should not be stored in magazines where the temperature exceeds what maximum temperature?

- A. 80°F (27°C)
- B. 100°F (38°C)
- C. 120°F (49°C)
- D. 150°F (66°C)

Correct Answer: C

36. What is the primary method of controlling bloodborne pathogens (BBP) exposure in construction?

- A. Universal precautions.
- B. Providing free vaccinations.
- C. Using disposable needles.
- D. Mandatory HIV testing.

Correct Answer: A

37. Who is permitted to operate the controls of a crane/derrick while the load is moving?

- A. Any trained worker.
- B. Only the qualified operator or a trainee under the direct supervision of the operator.
- C. A Competent Person only.
- D. The signal person.

Correct Answer: B

38. What is the minimum height required for a guardrail top rail above the walking/working surface?

- A. 39 inches (1.0 m)
- B. 42 inches (1.1 m)
- C. 45 inches (1.1 m)
- D. 48 inches (1.2 m)

Correct Answer: B

39. How often must a Competent Person visually inspect all fall arrest system components?

- A. Monthly.
- B. Quarterly.
- C. Prior to each use.
- D. Only after a fall.

Correct Answer: C

40. All temporary openings in floors, roofs, and other walking/working surfaces must be protected by what?

- A. A Competent Person standing guard.
- B. A sign warning of the hazard.
- C. A guardrail system, a toeboard, or a cover.
- D. Caution tape only.

Correct Answer: C
