

CONSTRUCTION INTERVIEW QUESTIONS

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1. What is the required minimum trigger height for fall protection on a construction walking/working surface (not including scaffolds)?

- A. 4 feet (1.2 m)
- B. 6 feet (1.8 m)
- C. 8 feet (2.4 m)
- D. 10 feet (3 m)

Correct Answer: B

2. Guardrail top rails must be capable of withstanding a force of at least how many pounds?

- A. 100 pounds (445 N)
- B. 150 pounds (667 N)
- C. 200 pounds (890 N)
- D. 250 pounds (1112 N)

Correct Answer: C

3. The 'General Duty Clause' requires an employer to provide a workplace free from what?

- A. All possible risks and discomfort.
- B. Recognized hazards causing or likely to cause death or serious physical harm.
- C. Only hazards specifically listed in OSHA standards.
- D. Any work task an employee deems unsafe.

Correct Answer: B

4. When must a means of egress (ladder, ramp, etc.) be provided in a trench excavation?

- A. When the excavation is 2 feet deep or more.
- B. When the excavation is 4 feet deep or more.
- C. When the excavation is 6 feet deep or more.
- D. When the excavation is 8 feet deep or more.

Correct Answer: B

5. In a trench excavation 4 feet or more deep, what is the maximum lateral travel distance to a means of egress?

- A. 15 feet (4.6 m)
- B. 25 feet (7.6 m)
- C. 50 feet (15.2 m)
- D. 100 feet (30.5 m)

Correct Answer: B

6. Excavated material (spoils) must be kept back at least what distance from the edge of the excavation?

- 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: B

7. Who is responsible for inspecting an excavation site for evidence of a potential cave-in, water accumulation, or material falls prior to the start of work and as needed?

- A. A Qualified Person.
- B. A Registered Professional Engineer.
- C. The Competent Person.
- D. The Site Safety Manager.

Correct Answer: C

8. At what height is fall protection required for employees working on a scaffold?

- A. 4 feet (1.2 m)
- B. 6 feet (1.8 m)
- C. 8 feet (2.4 m)
- D. 10 feet (3 m)

Correct Answer: D

9. What is the minimum height that a toeboard must be to prevent materials from falling from a platform?

- A. 2.5 inches (6.4 cm)
- B. 3.5 inches (8.9 cm)
- C. 4 inches (10.2 cm)
- D. 6 inches (15.2 cm)

Correct Answer: B

10. What is the only acceptable method for protecting employees from ground-faults at a construction site?

- A. Using only Ground-Fault Circuit Interrupters (GFCIs).
- B. Using only an Assured Equipment Grounding Conductor Program (AEGCP).
- C. Using either GFCIs or an AEGCP.
- D. Using only double-insulated tools.

Correct Answer: C

11. Lockout/Tagout (LOTO) procedures are used to prevent the unexpected startup or release of energy from what source?

- A. Electrical power only.
- B. Hydraulic and pneumatic power only.
- C. Any potentially hazardous energy source.
- D. Gravity only.

Correct Answer: C

12. What is the primary purpose of Personal Protective Equipment (PPE)?

- A. To eliminate the hazard from the workplace.
- B. To provide a barrier between the worker and the hazard.
- C. To slow down production for safety.
- D. To replace administrative and engineering controls.

Correct Answer: B

13. Where must Safety Data Sheets (SDSs) be maintained for every hazardous chemical on the worksite?

- A. Only in the main office for manager review.
- B. In a central location accessible only to the safety officer.
- C. At the worksite and readily accessible to employees.
- D. Only upon request from the employee.

Correct Answer: C

14. An employer must provide a medical surveillance program for employees exposed to lead at or above the action level for more than how many days per year?

- A. 10 days
- B. 20 days

C. 30 days

D. 60 days

Correct Answer: C

15. Who must ensure that a person who has a valid first-aid training certificate is available at the worksite?

A. The general contractor.

B. The project owner.

C. The employer.

D. The employee union representative.

Correct Answer: C

16. What is the maximum noise level (TWA) that an employee can be exposed to without required hearing protection or inclusion in a Hearing Conservation Program?

A. 80 dBA

B. 85 dBA

C. 90 dBA

D. 100 dBA

Correct Answer: B

17. Compressed air used for cleaning purposes must be reduced to less than what pressure?

A. 60 psi

B. 45 psi

C. 30 psi

D. 15 psi

Correct Answer: C

18. When transporting, moving, or storing compressed gas cylinders, what must be in place and secured?

A. The pressure regulator.

B. The contents label.

C. The valve protection cap.

D. The flash arrestor.

Correct Answer: C

19. How far back must barricades be placed when dropping debris through holes in the floor without chutes?

- A. 4 feet (1.2 m)
- B. 6 feet (1.8 m)
- C. 8 feet (2.4 m)
- D. 10 feet (3 m)

Correct Answer: B

20. What must be provided for air tool hoses exceeding a 1/2-inch inside diameter?

- A. A pressure gauge.
- B. A safety device at the source of supply or branch line.
- C. A whip check only.
- D. A quick-disconnect coupling.

Correct Answer: B

21. For cranes and derricks, who must conduct a visual inspection prior to each shift of use?

- A. A Qualified Person.
- B. The equipment operator.
- C. A Certified Inspector.
- D. A Competent Person.

Correct Answer: D

22. How often must a comprehensive inspection of cranes and derricks be conducted by a qualified person?

- A. Monthly
- B. Every 6 months
- C. At least every 12 months
- D. Only when the crane is relocated

Correct Answer: C

23. What is the primary hazard associated with the improper shoring of trenches and excavations?

- A. Soil erosion.
- B. Traffic disruption.
- C. Cave-ins.
- D. Water accumulation.

Correct Answer: C

24. The maximum travel distance to a fire extinguisher when the primary fuel source is combustible material (Class A hazards) must not exceed what distance?

- 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: C

25. What must an employer do with doorways or passageways that are not an exit?

- A. Permanently lock them.
- B. Label them to indicate their purpose.
- C. Block them with caution tape.
- D. Paint them red for warning.

Correct Answer: B

26. Prior to demolition, a competent person must make an engineering survey of the structure and the employer must have what?

- A. An environmental impact statement.
- B. Written evidence of the survey.
- C. A new set of architectural drawings.
- D. A worker communication plan.

Correct Answer: B

27. What is the PEL (Permissible Exposure Limit) for crystalline silica (respirable fraction) as an 8-hour TWA?

- A. 50 µg/m³
- B. 100 µg/m³
- C. 150 µg/m³
- D. 250 µg/m³

Correct Answer: A

28. Employees are prohibited from climbing on the edge of the basket or using what to gain a higher working position in an aerial lift?

- A. Ladders, planks, or other devices.
- B. Fall arrest lanyards.
- C. Communication devices.
- D. Harnesses.

Correct Answer: A

29. What is the maximum number of gallons of flammable or combustible liquids that can be stored in a room outside of an approved storage cabinet?

- A. 5 gallons (18.9 L)
- B. 10 gallons (37.9 L)
- C. 25 gallons (94.6 L)
- D. 50 gallons (189.3 L)

Correct Answer: C

30. When a haulage vehicle is backing up in an area where the operator's view is obstructed, what must be provided **in addition**** to a signal person?**

- A. A second operator.
- B. A reverse signal alarm.
- C. A spotter on the vehicle.
- D. A flashing red light.

Correct Answer: B

31. How long must an employer preserve and maintain employee exposure records?

- A. 1 year
- B. 5 years
- C. 20 years
- D. 30 years

Correct Answer: D

32. What is required on an aerial lift basket for employees using a personal fall arrest system?

- A. A retractable lifeline only.
- B. A body belt only.
- C. A fully-secured anchorage point.
- D. A temporary guardrail.

Correct Answer: C

33. What is the minimum working clearance for access to and around electric equipment rated 600 volts or less (nominal)?

- 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

34. When mechanical material handling equipment is used, what is the preferred method for removing loose material from a cutting edge?

A. Using hands with gloves.

B. Using a compressed air hose.

C. Using a scraper, bar, or stick.

D. Using the equipment's hydraulics.

Correct Answer: C

35. What is the trigger height for fall protection for employees working near an unprotected side or edge during **steel erection?**

A. 10 feet (3 m)

B. 15 feet (4.6 m)

C. 20 feet (6 m)

D. 30 feet (9.1 m)

Correct Answer: C

36. What must be done immediately if an employee falls into a confined space or enclosed space (like a pit over 4 feet deep)?

A. Test the atmosphere for hazards.

B. Attempt a non-entry rescue.

C. Send a second worker in for rescue.

D. Call 911 immediately.

Correct Answer: B

37. How must asbestos waste, scrap, debris, bags, and other materials contaminated with asbestos be handled?

A. Disposed of in standard construction waste containers.

B. Sealed in labeled, impermeable bags or containers.

C. Burned in an open drum.

D. Recycled for use in other materials.

Correct Answer: B

38. What is the only type of sling permitted to be shortened or lengthened by knotting?

A. Wire rope slings.

- B. Chain slings.
- C. Synthetic web slings.
- D. No type of sling is permitted to be shortened by knotting.

Correct Answer: D

39. The height of a top rail of a guardrail system must be how far above the walking/working level?

- A. 36 inches (0.9 m)
- B. 38 inches (1.0 m)
- C. 42 inches (1.1 m)
- D. 45 inches (1.1 m)

Correct Answer: C

40. What must be provided for employees who are working in areas where they are exposed to injurious corrosive materials?

- A. A barrier cream only.
- B. An eyewash station and flushing facility.
- C. Safety glasses only.
- D. A dedicated water bottle.

Correct Answer: B
