

CONSTRUCTION INTERVIEW QUESTIONS

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1. What is the required minimum height of a toeboard used for protection from falling materials?

- A. 2 inches (5.1 cm)
- B. 3.5 inches (8.9 cm)
- C. 4 inches (10.2 cm)
- D. 6 inches (15.2 cm)

Correct Answer: B

2. What is the maximum allowed slope for a trench excavation in **Type C soil****?**

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

Correct Answer: D

3. What is the maximum distance a haulage vehicle can be backed up when the operator's view is obstructed without a spotter, if a reverse signal alarm is used?

- A. 10 feet (3.0 m)
- B. 25 feet (7.6 m)
- C. 50 feet (15.2 m)
- D. There is no maximum distance if an audible alarm is used.

Correct Answer: D

4. What must be provided for employees when working in areas exposed to injurious corrosive materials?

- A. Safety glasses only.
- B. A dedicated water bottle.
- C. Suitable facilities for quick drenching or flushing of the eyes and body.
- D. A non-corrosive work uniform.

Correct Answer: C

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

- A. Daily.
- B. Prior to each use.
- C. Weekly.
- D. Semi-annually.

Correct Answer: B

6. What is the maximum number of employees that can be served by a single toilet facility on a construction site?

- A. 15.
- B. 20.
- C. 30.
- D. 40.

Correct Answer: B

7. The height of the top rail of a guardrail system on a scaffold must be between what range above the platform surface?

- A. 34-38 inches (86-97 cm)
- B. 38-45 inches (97-114 cm)
- C. 42-48 inches (107-122 cm)
- D. 45-50 inches (114-127 cm)

Correct Answer: B

8. What is the minimum clearance required between a crane boom/load 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. 25 feet (7.6 m)

Correct Answer: B

9. Which of the following must be provided for all temporary openings in floors, roofs, and other walking/working surfaces?

- A. Caution tape only.
- B. A Competent Person standing guard.
- C. A guardrail system, a toeboard, or a cover.

D. An orange flag.

Correct Answer: C

10. What is the required minimum horizontal distance that excavated material (spoils) must be placed 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

11. What is the maximum lateral travel distance employees can go to reach a means of egress (ladder, ramp) in a trench excavation 4 feet or more deep?

A. 15 feet (4.6 m)

B. 25 feet (7.6 m)

C. 50 feet (15.2 m)

D. 75 feet (22.9 m)

Correct Answer: B

12. What is required to be maintained and readily accessible to employees at all times during their work shift when hazardous chemicals are present?

A. Only a list of all chemicals.

B. Safety Data Sheets (SDSs).

C. The original shipping containers.

D. Only the written training manual.

Correct Answer: B

13. How long must an employer preserve and maintain employee **exposure records and data analyses based on them?**

A. 1 year.

B. 5 years.

C. 10 years.

D. 30 years.

Correct Answer: D

14. What is the required reporting window for a work-related fatality to be reported to OSHA?

A. Within 8 hours.

- B. Within 24 hours.
- C. Within 7 days.
- D. Within 30 days.

Correct Answer: A

15. Compressed air used for cleaning purposes must be reduced to less than what pressure and used only with effective chip guarding and PPE?

- A. 60 psi (413 kPa)
- B. 45 psi (310 kPa)
- C. 30 psi (207 kPa)
- D. 15 psi (103 kPa)

Correct Answer: C

16. 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. 10 gallons (37.9 L)
- B. 25 gallons (94.6 L)
- C. 50 gallons (189.3 L)
- D. 100 gallons (378.5 L)

Correct Answer: B

17. Who is responsible for ensuring that a person who has a valid first-aid training certificate is available at the worksite?

- A. The lead foreman.
- B. The employer.
- C. The project owner.
- D. The site safety manager only.

Correct Answer: B

18. Portable electric hand tools must be protected by which of the following methods, EXCEPT:

- A. A three-wire cord with ground.
- B. Double insulation.
- C. A quick-disconnect coupling.
- D. A low voltage isolation transformer.

Correct Answer: C

19. 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

20. What is the required minimum height that a portable ladder must extend above an upper 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

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

- A. Only when operating on slopes.
- B. Only on equipment over 5 tons.
- C. On all rubber-tired, self-propelled scrapers, front-end loaders, dozers, and graders.
- D. Only on new equipment.

Correct Answer: C

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

- A. The supervisor.
- B. A Qualified Person trained by the manufacturer or an authorized representative.
- C. The Competent Person.
- D. Any experienced co-worker.

Correct Answer: B

23. What is the maximum slope allowed for a trench excavation in **Type A soil?**

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

Correct Answer: B

24. If a doorway or passageway is **not**** an exit, what is the required action?**

- A. It must be permanently locked.
- B. It must be barricaded with tape.
- C. It must be labeled to indicate its purpose.
- D. It must be painted red.

Correct Answer: C

25. Smoking or open flames are prohibited within what distance of explosives or blasting agents?

- A. 25 feet (7.6 m)
- B. 50 feet (15.2 m)
- C. 75 feet (22.9 m)
- D. 100 feet (30.5 m)

Correct Answer: B

26. 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 after repairs.

Correct Answer: C

27. What must be provided for portable lighting used in wet or conductive locations?

- A. A dedicated ground wire.
- B. Operation at no more than 12 volts or protection by a GFCI.
- C. A double-insulated bulb.
- D. An explosion-proof housing.

Correct Answer: B

28. What materials must be removed from form and scrap lumber before being stacked or used in construction?

- A. All paint.
- B. All dirt.
- C. All protruding nails.
- D. All manufacturer stamps.

Correct Answer: C

29. When must workers wear protective helmets designed to reduce electrical shock hazard?

- A. Only when raining.
- B. When working near or on energized electrical conductors.
- C. Only when welding.
- D. At all times on the job site.

Correct Answer: B

30. What is the maximum height a free-standing wall or chimney can be before demolition must begin from the top down?

- A. 8 feet (2.4 m)
- B. 10 feet (3.0 m)
- C. One story or 12 feet (3.7 m)
- D. Two stories or 20 feet (6.1 m)

Correct Answer: C

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

- A. Providing free BBP vaccinations.
- B. Using Universal Precautions.
- C. Mandatory employee testing.
- D. Restricting site access to certified personnel.

Correct Answer: B

32. 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

33. Who must conduct the visual inspection of a crane or derrick prior to **each shift**** it will be used?**

- A. A Qualified Person.
- B. The equipment operator.

- C. A Certified Inspector.
- D. A Competent Person.

Correct Answer: D

34. 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

35. What is the minimum height (unprotected side or edge) on a walking/working surface (except scaffolds and steel erection) where fall protection is required?

- 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

36. What must be provided for all power-operated hoisting machines to prevent overcapacity loads?

- A. A counterweight.
- B. A load-indicating device or load chart.
- C. A dedicated signal person.
- D. An automatic shutdown.

Correct Answer: B

37. What is the minimum working clearance required in front of 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

38. What is the minimum illumination intensity required for first aid stations and infirmaries?

- A. 5 foot-candles (54 lux)
- B. 10 foot-candles (108 lux)
- C. 20 foot-candles (215 lux)
- D. 50 foot-candles (538 lux)

Correct Answer: C

39. Employees exposed to noise at or above an 8-hour TWA of 85 dBA must be included in what program?

- A. A respiratory protection program.
- B. A Hearing Conservation Program.
- C. An air monitoring program.
- D. A bloodborne pathogen program.

Correct Answer: B

40. Who is responsible for determining if a concrete structure can support construction loads?

- A. The equipment operator.
- B. The employer, based on information from a person qualified in structural design.
- C. The Competent Person.
- D. The concrete supplier.

Correct Answer: B

41. When must an employer provide training to an employee on a new chemical hazard?

- A. Annually.
- 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
