Written exam

Choose one answer per question. Mark your choices on the student answer sheet.

1. Who may direct assembly or disassembly with a crew?

A. Any supervisor assisted by a signal person
B. A qualified person with no provision for competent-person duties
C. A competent and qualified person, or a competent person assisted by one or more qualified persons
D. Any crane operator with a current certification

2. One person performs the entire disassembly alone. What criteria must that person meet?

A. Both competent-person and qualified-person criteria
B. Operator certification criteria only
C. Qualified-person criteria only
D. Competent-person criteria only

3. What authority is part of being a competent person?

A. Authority to issue external operator certifications
B. Authority to revise manufacturer ratings alone
C. Authority only to report hazards next week
D. Authority to take prompt corrective measures to eliminate identified hazards

4. What must a qualified person demonstrate?

A. Ability to solve problems related to the subject or work
B. Ability to authorize any lift on any site
C. Completion of a general orientation alone
D. A minimum age specified by the crane supplier

5. What must the director understand?

A. Only the site's emergency phone numbers
B. Only the operator's signals
C. Only the crane's lifting capacity
D. The procedures that apply to the assembly or disassembly

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6. What procedures may govern assembly or disassembly?

A. Any method that previously worked
B. Applicable manufacturer procedures or compliant employer procedures, subject to manufacturer prohibitions
C. The fastest method selected by the crew
D. Any method if the load is below rated capacity

7. Who develops employer procedures under §1926.1406?

A. Any equipment operator automatically
B. The rental scheduler
C. The newest crew member
D. A qualified person

8. When may the director skip reviewing procedures immediately beforehand?

A. The crane is the same color as the previous one
B. The director understands them and has applied them to the same equipment type and configuration, including accessories if any
C. The work takes less than an hour
D. The manufacturer brochure is on site

9. What must crew members understand before starting?

A. Their tasks, associated hazards, and hazardous positions or locations to avoid
B. Only the name of the operator
C. Only the expected finish time
D. Only the order of major components

10. A worker is reassigned to a different task during disassembly. When is the new task briefing required?

A. Before the worker starts that task
B. Only if the worker requests it
C. After the first component is lowered
D. At the end of the shift

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11. A crew member goes out of the operator's view into a location where equipment movement could injure them. What comes first?

A. Assume the operator can see the hard hat
B. Ask the operator to move slowly while entering unannounced
C. Inform the operator before entering
D. Tell a coworker after entering

12. When can the operator resume movement after a worker enters that location?

A. When the operator stops hearing the worker
B. After prearranged communication confirms the worker is safe
C. When the engine is at idle
D. When the next task is due

13. What is the general rule for workers beneath a boom or other component when pins are removed?

A. Allow workers beneath if they wear a hard hat
B. Allow entry whenever the worker removes the pin
C. Keep workers out from underneath, subject to the limited site-constraint exception
D. Allow workers under any boom with a spotter

14. If site constraints require a worker under a component when pins are removed, what must the director implement?

A. A steel-toed footwear requirement alone
B. An informal notification after the pin is removed
C. Procedures minimizing dangerous unintended movement and the worker's exposure
D. A faster pin removal sequence without a procedure

15. What must blocking under components do?

A. Support only the lightest component
B. Support the load and maintain stability without damaging the components
C. Be located solely for easy removal
D. Match the manufacturer's paint scheme

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16. What ground conditions are required for assembly or disassembly?

A. Only dry topsoil
B. Any surface with room for the crew
C. Conditions adequate for the operation and equipment support
D. Any ground if the crane remains stationary

17. The manufacturer supplies no maximum cantilevered boom length. Who determines it for the A/D operation?

A. The person supplying the blocking
B. The operator-in-training
C. Any qualified rigger
D. A registered professional engineer familiar with the equipment type

18. What must be available about component weights?

A. They can be estimated after the lift
B. Only the lightest component's weight is required
C. They must be readily available
D. They may be substituted with the crane's rated capacity

19. What capacity constraint applies to components and equipment during the operation?

A. Stay within rated capacities for the equipment, components, rigging and lifting accessories used
B. Rated capacities matter only after assembly
C. Only the assist crane's rating applies
D. An ordinary overload is acceptable during setup

20. Where does blocking go when an outrigger is used?

A. Under the outrigger float or pad, or under the specified outer bearing surface for a beam designed without one
B. On top of the outrigger beam
C. Midway along any outrigger beam
D. Anywhere that raises the carrier evenly

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21. Who performs the assembly or disassembly rigging work?

A. A trainee working without supervision
B. Any available helper
C. A signal person by default
D. A qualified rigger

22. What must synthetic slings be protected from?

A. Only contact with clean painted steel
B. Only rain
C. Only sunlight
D. Abrasive or sharp edges and configurations that reduce rated capacity

23. What source governs restrictions on synthetic slings used in A/D?

A. An estimate from the sling supplier's invoice
B. The synthetic sling manufacturer's instructions and limitations
C. Only the crane's maximum capacity
D. Only the sling's color

24. Which Subpart CC requirements does the employer teach competent and qualified persons?

A. Only operator certification topics
B. Those applicable to their roles
C. Only hand signals
D. Only site access procedures

25. What happens when an evaluation shows a worker needs retraining on an A/D topic?

A. Provide relevant refresher training at no cost and evaluate understanding as required
B. Reissue the attendance record only
C. Wait until the next project
D. Charge the worker for training