Information Section Rigging

1. What are the three general categories of rigging?
2. What factors affect the hazards in rigging?
3. What are the two most important factors in avoiding rigging accidents?
4. What is the best material for fiber rope?
5. What rope type is best suited for areas where chemicals are present?
6. What rope type is most resistant to abrasion?
7. What type of rope is best able to stretch without breaking?
8. Which type of rope is most resistant to sunlight?
9. Which type of rope will not burn?
10. What are some common tasks where electricians use rope?
11. Where should rope be stored?
12. What is the safety factor for new rope?
13. What is the purpose of reversing the rope periodically in pulleys?
14. How does the breaking strength of a rope compare to the safe working load?
15. How do knots affect the strength of rope?
16. What are the four factors for good rope fastening?
17. What are the three parts of a rope when tying knots?
18. What are some of the most common knots?
19. What is the purpose of the shoulder on an eye bolt?
20. What is a safety hook?
21. What is the difference between an anchor and a chain shackle?
22. How are shackles sized?
23. What are spreader bars?

24. What is the purpose of a snatch block?

25. What is a “traveling” or “fall” block?

26. What precaution must be taken when lifting objects with a sling?

27. What is a tagline?

28. What is the signal for raising a load with a crane?

29. What is the minimum distance that must be maintained when hoisting loads with a crane near electrical wires?

30. Is a chain hoist designed for a horizontal pull?

31. What is the weak point in a cable winch?

32. What are the two basic types of jacks?

33. Are jacks designed for safely jacking metal against metal?

34. What precaution must be taken when using a jack in the horizontal position?

35. What is an extension trestle ladder?

36. What is the safety ratio for a load on a scaffold?

37. What two features must be added to a scaffold for safe operation?

38. When is a safety harness required by someone working on a stage?

39. How often must scaffold be attached to the building structure?

40. What are some of the advantages of tubular steel sectional scaffold?

41. What features must a rolling scaffold posses?

42. One advantage of rolling scaffold is the ability to remain on the platform while the scaffold is moved from place to place. True or False?

43. How many workers are allowed on a swing stage?