EXCAVATOR OPERATOR TEST

1. The excavator operator is to have read and understood the operator's manual prior to operating the machine.
   a. True
   b. False

2. When an excavator is used for lifting objects, the operator is required to follow the same standards as for cranes.
   a. True
   b. False

3. When trenching with an excavator, who is allowed in the trench when excavating is taking place?
   a. The grade checker
   b. The foreman
   c. Laborers
   d. No one is allowed

4. At the start of each shift, the operator should
   a. Check the engine fluid levels
   b. Check the hydraulic system and fluid levels
   c. Test all controls for proper function
   d. All of the above

5. The lifting capacity of the excavator can be determined by
   a. Making a test lift
   b. Lift as much as you can until the excavator begins to tilt
   c. Consult the load chart in the operator's manual
   d. There is no way of knowing

6. As a load is lifted and moved away from the excavator, the machine's lifting capacity
   a. Increases
   b. Decreases

7. When approaching the edge of an excavation where the soil is loose and unstable, the excavator should be situated with the tracks
   a. Perpendicular (90°) to the edge of the excavation
   b. Parallel to the edge of the excavation

8. When unloading an excavator from a transporter, it is best to
   a. Have the bucket in front of the machine's direction of travel and the bucket close to the ground
   b. Have the bucket in back of the machine's direction of travel
   c. It doesn't matter
9. The glass in the cab needs to be cleaned regularly and all cracked glass replaced.
   a. True
   b. False

10. A fire extinguisher should be in the cab of the excavator at all times.
    a. True
    b. False

11. When operating the excavator in congested areas, the operator is responsible for
    establishing a safety barrier around the machine.
    a. True
    b. False

12. Missing or illegible warning labels are not required to be replaced.
    a. True
    b. False

13. When climbing on or off an excavator, the operator should always be facing the
    machine.
    a. True
    b. False

14. If any part of the excavator comes in contact with a live power line, what should
    those on the ground do?
    a. Carefully walk up to the excavator and help the operator off the machine
    b. Hook onto the excavator and pull it out from the power lines
    c. Keep people away from the area surrounding the excavator
    d. Throw a rope to the operator so he can be dragged away from the excavator.

15. When lifting a load with the excavator, who is authorized to be under it at any given
    time?
    a. No one is allowed under the load
    b. Only those in the trench are allowed under a load
    c. Only those with hard hats on
    d. Only the people who rigged the load.

16. If any part of the excavator comes in contact with a live power line, what should
    operator NOT do.
    a. Immediately climb down from the machine
    b. Remain seated and avoid touching any part of the machine until the power is
       turned off
    c. Signal others to stay away from the machine
    d. Jump from the machine only if it is on fire.
17. When excavating a trench, the spoil need to be placed a minimum of ________ feet from the trench edge.
   a. 1 foot
   b. 2 feet
   c. 3 feet
   d. 4 feet

18. The operator can leave the excavator with a load suspended.
   a. True
   b. False

19. Before excavating where utilities are likely to be buried, the operator should contact the:
   a. Fire department
   b. Sheriff department
   c. One-Call center
   d. Water department

20. The operator is responsible for determining if the soil he is working on is stable enough to support the weight of the excavator.
   a. True
   b. False

21. When an excavator is crossing a slope, the machine is more susceptible to a rollover.
   a. True
   b. False

22. Who is responsible for seeing that the operator is fit to operate the excavator?
   a. The operator
   b. OSHA
   c. No one

23. The machine can be operated with some of the safety guards missing.
   a. True
   b. False

24. Who is responsible for job site safety?
   a. Job site foreman
   b. Everyone
   c. Company safety officer.

25. The danger area when the excavator is in operation is considered everywhere the backhoe can reach.
   a. True
   b. False
26. When attaching a sling to the attachment points on the backhoe, a shackle should be used.
   a. True
   b. False

27. Chains run over sharp edges during lifting can be easily damaged.
   a. True
   b. False

28. The transport vehicle’s wheels are not required to be blocked when loading an excavator.
   a. True
   b. False

29. Tie-down chains are not required for securing the excavator to a transport vehicle.
   a. True
   b. False

30. When trenching in previously filled areas, cave-ins are
   a. More likely to occur
   b. Less likely to occur
   c. Not a concern to the operator.

31. When working around an excavator, the worker should always face the machine.
   a. True
   b. False

32. Before a worker enters the danger area of an excavator, he should
   a. Make sure he can get in and out without being hit by the excavator
   b. Establish eye contact with the operator
   c. Yell before entering