THEORY TEST LORRY LOADER

Please do not mark or write on the question paper. Use the answer sheet provided.

1. When should the 'Loader' pre-shift check be completed?

   A. At the start of the week.
   B. On arrival at the operating location.
   C. Prior to the start of the day/shift and at the takeover from another operator.

2. "It is recommended that the 'loader' is inspected by a competent person at least every."

   A. Six months
   B. Three months
   C. Annually

3. What is the recommended stability margin for safe operations?

   A. 10%
   B. 25%
   C. 40%

4. How can the operator find out the 'loaders' lifting capacity?

   A. By lifting the heaviest load you can find
   B. Ask the supervisor
   C. By reading the capacity plate

5. What does PTO mean?

   A. Pressure To Operate
   B. Protect The Operator
   C. Power Take Off
6. The most common accident with a 'lorry loader' is.
   A. Hitting low level bridges
   B. The operator trapping themselves
   C. Incorrect stowage of the 'loader'

7. How should the stabilisers be deployed.
   A. Extended until they reach their limit
   B. Extended until they make contact with the ground
   C. Extended until the wheels of the lorry are off the ground

8. If the 'loader' is mounted directly behind the cab and you have to unload/load on an incline, you must park the vehicle.
   A. With the cab facing down the incline
   B. With the cab facing up the incline
   C. It does not really matter

9. Overhead power cables, what is the minimum distance you can operate from maximum radius to the cables?
   A. 6 meters
   B. 10 meters
   C. 20 meters

10. What is the ideal engine speed required for operating the 'loader'.
    A. Tick over
    B. Approximately 1100 rpm
    C. Approximately 1600 rpm
11. What is a Dynamic Force? 
A. When a loader is subjected by undue pressures.
B. A good operator/banksman relationship 
C. When the load weights more than the 'loader' can lift

12. When using an attachment i.e. brickclamps the 'loaders' rated capacity [SWL] will be.
A. Increased 
B. Remain the same 
C. Reduced

13. Increasing the radius of the 'loader' will.
A. Not change the SWL 
B. Decrease the SWL 
C. Increase the SWL

14. The 'loaders' hydraulic system is powered by.
A. The pump 
B. The operator 
C. The engine

15. While working on a public highway, the loaders outrigger/s protrude into the road you should.
A. Call the police 
B. Get somebody to warn other road users 
C. Cone or cordon off the area
16. When operating on a construction site, what is the minimum item of personnel protective equipment you must be wearing?

A. Safety helmet
B. Wellingtons
C. Safety shoes

17. After extending the boom [loaded] you discover, the boom does not reach the stacking position. What action would you take?

A. Replace the load on the vehicle, fully stow the boom and move the vehicle closer.
B. Move the boom quickly and swing the load into the stacking location.
C. Raise the stabilisers and move the vehicle slowly with the load raised to get closer.

18. What does 175 bar mean?

A. The breaking point of the boom.
B. The maximum pressure the loader can operate within.
C. The pressure the loaders hydraulics operate at under normal working conditions.

19. If you are operating a loader with an extending boom, what length of boom should be used?

A. Full extension at all times
B. Only use the minimum boom length necessary to lift and deposit the load
C. It makes no difference, providing that the stabilisers are correctly used
20. Before lifting a load which is out of sight, what action should you take?
   A. Ensure the vicinity of the lift is clear of all personnel
   B. Use a banksman until the load becomes visible
   C. Lift the load slowly regardless of the circumstances

21. When should the operator extend the stabilisers/outrigger of the lorry mounted loader?
   A. When operating on a gradient to level the vehicle bed
   B. At all times to ensure the vehicle remains stable
   C. When changing a wheel on the vehicle

22. Excessive boom swing on a load can cause.
   A. The load to move outside the SWL for that radius
   B. Damage to the lifting gear
   C. Damage to the hydraulic pump

23. What safety device is fitted to the loader's hook?
   A. Spring loaded safety catch
   B. Dee shackle
   C. Eye bolt

24. If in doubt about the weight of the load to be lifted, what action must be taken?
   A. Ensure the area is clear of other personnel
   B. Establish the weight of the load before lifting
   C. Do a trial lift first

25. What is the last action the driver/operator of a lorry mounted loader should take before moving off?
   A. Ensure the P.T.O. has been disengaged
   B. Ensure the tyre pressures are correct on the vehicle
   C. Ensure the delivery note has been signed before leaving the site