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| **No.** | **Question** |
| 1 | If a hook is fitted to the machine for lifting purposes, what must be checked before use? |
| 2 | On both tracked and wheeled types: a) what differs between lifting over the side compared to over the front or the rear of the machine? b) Explain why. |
| 3 | When slewing with a load, where should the operator be looking? |
| 4 | What needs to be inspected on a quick-hitch coupler if attaching lifting accessories for the lifting of slung loads? |
| 5 | What makes up the total (or gross) weight of a load that is to be lifted? |
| 6 | If the accessory attachment point is not part of the bucket, give TWO reasons why it should be removed. |
| 7 | Accessories must only be attached to manufacturers' approved lifting points.  Explain THREE possible consequences if the recommendations are not followed. |
| 8 | Who determines the lifting/object handling capacity of the machine? |
| 9 | According to legislation, when are check valves and a rated capacity or load moment indicator required? |
| 10 | If the machine's rated capacity/object handling capacity chart is not available for reference, what other method can be used to determine the machine's lifting capacity? |
| 11 | What is regarded as the danger or hazard zone during a lifting operation? |
| 12 | If attaching accessories to a quick-hitch coupler, give TWO reasons why the coupler should be tilted in the downwards position (ram extended)? |
| 13 | If the load inadvertently or accidentally lands, what course of action should be taken? |
| 14 | Before lowering into or moving a drag box into a trench, what trench-related checks must be made? |
| 15 | Which parts of the machine is the radius (for lifting) measured from? |
| 16 | The safe working load (SWL) or working load limit (WLL) of a multi-leg chain sling only applies in what TWO conditions or configuration? |
| 17 | With regards to lifting accessories, irrespective of who supplied the accessories, what THREE factors should be ensured before the accessories are used? |
| 18 | Why must the controls be isolated before each load can be attached or disconnected by the slinger? |
| 19 | When an object needs to be lifted on a site, what should be the first consideration of planning? |
| 20 | What is the main purpose of the Rated Capacity Indicator (RCI) or Load Moment Indicator (LMI)? |
| 21 | If travelling with a load, name FIVE factors that must be taken into account by the operator before moving. |
| 22 | Manufacturers' lifting or object handling capacity charts apply (in all known cases) when the machine is level. What is the effect if a load is lifted or travelled facing downhill on a downhill slope? |
| 23 | Why should long loads be lifted using a swivelling type lifting accessory? |
| 24 | What effect can a swinging load have on an excavator? |
| 25 | Using the lifting capacity diagram for A59: a) if the machine is equipped with a 2.5 m long dipper, what is the maximum lifting capacity in tonnes at a 6 m radius/reach over the sides of the track with the load at 3 m height b) in principle, if a longer dipper is fitted, what effect does that have on the lifting capacity (assuming same size bucket and machine configuration)? |
| 26 | Explain the purpose of a lift plan. |