

Test Questions

(25 Questions - 4 points per questions)



Forward Tipping Dumper

No:	Questions (Answer 2a for tracked and 2b for wheeled forward tipping dumpers)
1	List four possible causes of lateral instability (tipping over sideways)?
2a	List at least 5 checks to the tracks and running gear during a pre-operational check?
2b	What 5 things must you ensure before taking a wheeled forward tipping dumper on the public highway?
3	State at least four actions the operator should take immediately after discharging the load from the skip?
4	Explain the procedure for descending a 1 in 6 gradient with a dumper with a loaded skip?
5	What precautions should you implement to ensure safe loading by an excavator?
6	Which of the statements is correct regarding free-wheeling the dumper down a slope? a) The dumpers speed can increase quickly becoming uncontrollable leading to possible overturning b) Freewheeling is acceptable providing you feather the brakes c) The dumpers speed will only increase slightly and will be controllable
7	When using the dumper to tow an attachment, why should the dumper skip be at least a quarter full? a) To aid stability b) To aid traction c) Both the above
8	Dumpers should only be operated on site by individuals who? a) Have received adequate training and are authorised by their employer b) Holds a current driving license c) Think they can operate the dumper safely
9	In winter months the radiator should be topped up with? a) Distilled water b) The correct mixture of water and antifreeze c) Hot water
10	The dumper should be driven around site? a) Fast to get the work done quickly b) In low gear at all times c) At a suitably safe speed consistent with the site rules and conditions
11	What is the main reason for reducing speed when cornering? a) To help prevent the dumper overturning b) To reduce wear on the tyres c) To save loss of load from the skip
12	What is the purpose of stop blocks? a) So you can approach an excavation quickly b) To prevent the dumper over-running the edge of an excavation c) To hold the dumper when parked on an incline
13	What type of skip should NOT be used for carrying rubble? a) A general purpose skip b) A narrow-mouthed concrete skip c) A rotatable skip

Forward Tipping Dumper



14	<p>When tipping into an excavation the danger area is?</p> <ul style="list-style-type: none">a) To be decided by the operatorb) A distance equal to the depth of the excavation from the side of the excavation (Angle of repose)c) It will depend on the weight and size of the dumper
15	<p>When is the recommended time to refuel a diesel powered dumper?</p> <ul style="list-style-type: none">a) At the end of the shiftb) When the gauge shows the fuel level as half emptyc) In the morning prior to starting work
16	<p>Seat belts should be worn at all times when operating a dumper except:</p> <ul style="list-style-type: none">a) When stated otherwise in a Risk Assessment or Method Statementb) If the operator finds them uncomfortablec) When travelling the dumper over rough terrain only
17	<p>If a defect is found during pre-shift checks you should?</p> <ul style="list-style-type: none">a) Report it at the end of the day's workb) Report it when you next see your supervisorc) Report it immediately
18	<p>What is the most important reason to wear suitable gloves when handling diesel and engine oil?</p> <ul style="list-style-type: none">a) Because you were told to do so by your employerb) To help prevent skin diseasec) To keep your hands clean
19	<p>What must you do if involved in an accident whilst at work?</p> <ul style="list-style-type: none">a) Report it to the Health & Safety Executive (HSE)b) Enter it in the site accident bookc) Keep the incident to yourself as you may be prosecuted
20	<p>Why is it important not to overload the dumper?</p> <ul style="list-style-type: none">a) Extra pressure on the dumper's front axle could lead to machine damage and reduced stabilityb) You may not be able to see above the load reducing visibilityc) Both of the above answers
21	<p>If leaving the dumper unattended the operator should?</p> <ul style="list-style-type: none">a) Park on firm level ground, engage parking brake, place in neutral, switch off and remove the keyb) Park on firm level ground, engage parking brake and leave the engine running for the next operatorc) Park on firm level ground, engage parking brake, switch off and leave the key in the ignition
22	<p>How can the operator ensure that the material is discharged cleanly?</p> <ul style="list-style-type: none">a) Shake the steering from side to sideb) Jerk the hydraulics violently up and downc) Raise the skip fully and reverse back slowly to clear the load
23	<p>An orange flashing beacon should be used?</p> <ul style="list-style-type: none">a) When operating on the public highway onlyb) At all times whilst operating the dumperc) Only when transporting a dumper with a loaded skip
24	<p>What safety precautions should be used when working under a raised skip?</p> <ul style="list-style-type: none">a) Articulating lockb) Skip prop, engine off and key removedc) Both of the above answers
25	<p>Where would you find information about the grade of engine oil for the dumper?</p> <ul style="list-style-type: none">a) From your supervisor or managerb) It does not matter any grade of oil is suitablec) In the operator's manual or from the chart in the engine compartment