

Technical Test Theory

Rough Terrain Masted Forklift A14

| No. | Question |
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| 1 | In what situation does a hard hat NOT need to be worn when operating a forklift? |
| 2 | a) What determines the minimum distances that any part of plant and machinery has to be kept from over head electricity lines and b) explain why a distance should be kept. |
| 3 | If placing a variety of loads onto a rigid, flatbed transporter, where should the heaviest loads be placed? |
| 4 | An operator has been asked to transport a load along the public highway from one site to another, for which The Road Traffic Act applies. What needs to be taken into account regarding the law? |
| 5 | Apart from the operator, who else may need to use the machine's Operator's Manual? |
| 6 | a) What is meant by the lifting capacity of the forklift and b) who determines it? |
| 7 | Before travelling with a physically large load, name FIVE factors that must be taken into account by the operator before moving. |
| 8 | A manufacturer must give recommendations on how to travel a forklift up and down inclines. If this information is not known first hand, what is the general rule about travelling up and down slopes? |
| 9 | Give FOUR reasons that may cause the forklift to tip over sideways. |
| 10 | When working in a confined area or space, name THREE dangers that can be present. |
| 11 | Why must the seat belt be worn, even with the cab door closed? |
| 12 | Why should a forklift be re-fuelled at the end of the day? |

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| 13 | What is a possible consequence of using a tyre with a deep cut in the sidewall? |
| 14 | What is the purpose of a risk assessment? |
| 15 | What is the definition of, or how can a hazard be described? |
| 16 | Which parts of the forklift is the load centre usually measured from? |
| 17 | Where should the Operator's Manual be kept and why? |
| 18 | Name THREE ways that a plant operator can contribute in ensuring repeat business with the client or principal contractor. |
| 19 | Name FOUR ways that wet weather can affect forklift operations. |
| 20 | Name TWO factors that determine the weight of a load. |
| 21 | a) What is the minimum distance allowed near open trenches when travelling with a forklift and b) explain why? |
| 22 | If the forklift is being travelled or working on the public highway, including adjacent pavement and verges, the Road Traffic Act applies. a) What type of licence and which classes should the operator hold and b) what is the minimum age allowed? |
| 23 | If setting up to lift and move loads in a pedestrianised area, state THREE factors that need to be taken into account. |
| 24 | Compared to a duplex (double) mast: a) why would a triplex mast be fitted/used and b) what disadvantage does the mast have over the duplex? |

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| 25 | When working in a confined area or space: a) what danger can be present with regards to the counterweight of the forklift, b) when should measures be taken and c) what measures should be implemented? |
| 26 | During work, the engine starts to overheat. Explain the danger if someone tries to remove the radiator or expansion tank cap. |
| 27 | What problems and hazards can soft ground cause to a loaded forklift? |
| 28 | a) What is the purpose of a Method Statement and b) what is required of the operator? |
| 29 | As a lifting machine, the forklift must be thoroughly examined. a) What is the purpose of the examination and b) who would carry out the examination? |
| 30 | What is the meaning of this hand signal (being demonstrated by the Tester)? |
| 31 | If the load centre of the load is longer (increased) than stipulated for the model of forklift, what effect does it have on the lifting capacity of the machine? |
| 32 | a) What is meant by the load centre and b) why must it be known for each lift? |
| 33 | State FOUR checks that should be made to the forks. |
| 34 | The operator has to use a new type of forklift that they are unfamiliar with. What do Regulations (i.e. PUWER 98) and other guidance require the operator to have? |
| 35 | What THREE items must be printed on a forklift's rating plate? |
| 36 | If the operator has loaded the machine onto a transporter/trailer on behalf of a driver, what checks must be carried out before they leave the cab? |

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| 37 | Name SIX possible proximity hazards that may be encountered on site when travelling with a load. |
| 38 | Using the Operator's Manual, state the figure for the tyre pressures. Note: The Operator's Manual for the machine being used for the test MUST be available for reference by the candidate. |
| 39 | Before picking up a load, why should the forks be equally spaced or distanced on the carriage? |
| 40 | Give FOUR reasons that may cause the machine to tip forwards. |
| 41 | Before leaving the cab for a rest break, after parking and switching off the machine, what final action must be carried out? |
| 42 | Before loading an uncoupled trailer, what THREE precautions must be taken? |
| 43 | What does The Health and Safety at Work Act require employers to do with regards specifically to plant? |
| 44 | What are FOUR safety checks that should be made before loading or unloading a suitable vehicle? |
| 45 | Name THREE ways in which an operator can minimise their impact upon the environment whilst using the machine. |
| 46 | Name FOUR factors to consider and know before picking up a load. |
| 47 | When placing onto or lifting a load from a loading out tower: a) why must the forklift's handbrake be on and the transmission in neutral and b) what would be the consequences if this was not done? |
| 48 | If checking the oil level using a dipstick, why must gloves be worn? |

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| 49 | What should be known about the loading out tower before placing loads? |
| 50 | Explain THREE checks that should be made to the mast lift chains. |
| 51 | What THREE main duties of The Health and Safety at Work Act must employees follow? |
| 52 | What are the possible outcomes of facing prosecution for not complying with legislation and regulations? |
| 53 | How is it possible that forklifts can still tip over, even when travelling on gentle gradients, are not overloaded and not being driven at excessive speed? |
| 54 | Using the Operator's Manual, state the cold-starting procedure for the machine. Note: The Operator's Manual for the machine being used for the test MUST be available for reference by the candidate. |
| 55 | List SIX typical subject areas that should be covered in a site induction. |
| 56 | What is the purpose of a roll or ROPS frame? |
| 57 | After placing a load, who is responsible for ensuring the load is safe? |
| 58 | State the possible effect of lifting a load whilst facing downhill on a slope. |
| 59 | An operator has to travel a forklift on the public highway, for which The Road Traffic Act applies. List SIX requirements that must be followed. |
| 60 | Name FOUR different types or levels of disciplinary actions or sanctions that can be applied (by employers and judicial bodies) to operators of plant who do not comply with, or follow legislation and regulations. |

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| 61 | How can a qualification or card benefit a plant operator? |
| 62 | Name THREE conditions that mirrors on the machine must be in. |
| 63 | What is the purpose of the counterweight of the machine? |
| 64 | When parking the machine at the end of the shift, name THREE places where the machine should NOT be parked. |
| 65 | The operator has been asked to drive the machine onto a transporter/trailer. a) Who is responsible for the loading operations and b) state FOUR actions to be considered by the operator before loading commences? |
| 66 | Give THREE reasons why it is important that a forklift is not leaning sideways before attempting to lift or place a load. |
| 67 | a) Name THREE purposes of the raised lugs on tyres and b) what can happen to a forklift if the lugs are severely worn? |
| 68 | Forklift operations fall within the scope of the Lifting Operations and Lifting Equipment Regulations (LOLER) 1998. Name TWO requirements of the act with regards to lifting. |
| 69 | Why are forklift operators generally regarded as 'safety-critical' workers? |
| 70 | What are the THREE actions or stages that a forklift operator undertakes during pre-use inspections? |
| 71 | Before manually changing any attachment: a) where should the attachment be positioned (in relation to the ground) and b) why? |