

No.	Question
1	a) Which part of the concrete pump applies loading or pressure to the ground and b) how can that pressure be reduced?
2	What is the purpose of a risk assessment?
3	Before towing a trailer-mounted pump into position, name SIX factors to be taken into account.
4	Where must waste from the cleaning process be deposited?
5	a) What additional items (over and above standard site wear) of PPE are required when cleaning out concrete pumps and b) what characteristics must the PPE have?
6	What piece of information would a client need from pump hirer/owner before a hire?
7	If radios are to be used during a pumping operation, what FIVE actions and checks must be made by the concrete pump operator before use?
8	Name THREE ways that a concrete pump operator can contribute in ensuring repeat business with the client or principal contractor.
9	What are the possible outcomes of facing prosecution for not complying with legislation and regulations?
10	What effect does wet concrete have if it comes into contact with the skin, particularly over long periods of exposure?
11	Why must the thickness of steel pipelines be checked on a regular basis?
12	What is the function, if fitted, of the mixer paddles?
13	What is the difference between: a) a placement hose and b) a delivery hose?
14	On a piston-type pump, what is the purpose of the water box?
15	What is considered as the danger zone around the placement hose?

No.	Question
16	a) What is the purpose of a Method Statement and b) what is required of the operator?
17	What checks should be made to the couplers?
18	Why are those who operate pumps generally regarded as 'safety-critical' workers?
19	During pumping, if the operator (using a remote control) needs to leave the pump, what TWO things need to be ensured?
20	Name THREE places where the trailer should NOT be parked after completion of the pumping operation.
21	If the pump has to be lifted into the required position, name SIX factors to be taken into account prior to the lift taking place.
22	If a blockage occurs, what actions must be taken by the operator?
23	If the words STOP NOW are given to the concrete pump operator by radio during the pumping operation, what action must the operator take?
24	Before the start for work: a) How should signallers be identified and b) what should be agreed between the pump operator and a signaller?
25	If checking the oil level using a dipstick, why must gloves be worn?
26	During work, the engine starts to overheat. Explain the danger if someone tries to remove the radiator or expansion tank cap.
27	On what basis are pipelines and couplers selected?
28	What are the THREE actions or stages that a concrete pump operator undertakes during pre-use inspections?
29	What can occur if the placement hose is longer than specified?
30	The operator has to use a new type of pump that they are unfamiliar with. What do Regulations (i.e. PUWER 98) and other guidance require the operator to have?

No.	Question
31	What does The Health and Safety at Work Act require employers to do with regards specifically to plant?
32	If setting up to pump concrete in a pedestrianised area, state THREE factors that need to be taken into account.
33	Describe at least THREE causes of blockages that may occur within the pipeline.
34	Before leaving the pump for a rest break, after switching off the pump, what final action must be carried out?
35	When working in a confined area or space, name THREE dangers that can be present.
36	What are the main component parts of a concrete mix?
37	Apart from the operator, who else may need to use the machine's User's Manual?
38	When setting up to work, what should be taken into account for the mixer vehicles?
39	What checks should be made to the transmitter of a remote-controlled pump before work?
40	How can a qualification or card benefit a concrete pump operator?
41	Name THREE possible underground hazards that may affect the stability of the trailer when in operation.
42	What is the meaning of this hand signal (being demonstrated by the Tester)?
43	What is the purpose of stabilisers on the concrete pump?
44	What is the purpose of the blanking piece?
45	During the pumping operation, part of the task cannot be carried out as detailed in the method statement. a) What initially must happen to the operation and b) who authorises any changes?

No.	Question
46	When is it acceptable to use compressed air to clean out pipelines?
47	Using the Operator's Manual, state the tyres' operating pressure. Note: The Operator's Manual for the machine being used for the test MUST be available for reference by the candidate.
48	What is the maximum allowable air pressure to clean out the pipes?
49	List SIX typical subject areas that should be covered in a site induction.
50	What is the purpose of pumping grout through the pipeline?
51	Name THREE ways in which an operator can minimise their impact upon the environment whilst using the machine.
52	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.
53	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.
54	What is the definition of, or how can a hazard be described?
55	Using the Operator's Manual, state the starting procedure for the pump. Note: The Operator's Manual for the machine being used for the test MUST be available for reference by the candidate.
56	Where should the User's Manual be kept and why?
57	What THREE main duties of The Health and Safety at Work Act must employees follow?
58	If pipelines have to be connected to scaffolding, what TWO factors must be ensured?