

# ITI Quiz - 31-Mar-2026

## 07:28 PM

Q. ID: ITISKILL0001MW

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL0001MW

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. Which one is the properties of lubricant

- A) Should develop foam  
B) Oil viscosity should not be same in hot and cold condition  
C) Boiling temperature should be low  
D) Oil viscosity should be suit the operating conditions

- C) Dry sump lubrication  
D) Wet sump lubrication

2. Where heat dissipation take place in cooling system?

- A) Water pump  
B) Water jackets  
C) Fan  
D) Radiator

10. How the water pump get drive in pump circulation cooling system?

- A) By chain  
B) By gear  
C) By coupling  
D) By belt

3. What is the reason pump does not suck the oil?

- A) Relief valve struck  
B) Filter clogged  
C) Less radial clearance  
D) More backlash

11. What is the effect if the radiator cores are clogged?

- A) Free coolant flow  
B) Increase coolant flow  
C) Stop coolant flow  
D) Slow coolant flow

4. Which part is lubricated by splash lubrication system?

- A) Timing gears  
B) Main journal  
C) Crank pin  
D) Cylinder wall

12. What is the purpose of the radiator in the cooling system?

- A) Cool the water pump  
B) Cool the hot water  
C) Cool the hot oil  
D) Cool the hot air

5. Which part helps to increase the water boiling point in water cooling system?

- A) Radiator cap  
B) Radiator core tubes  
C) Radiator hose  
D) Radiator fins

13. How oil deliver from the crank shaft main bearings to connecting rod bearings?

- A) Through sprocket  
B) Through drilled oil passages  
C) Through vibration damper  
D) Through crank pulley

6. Which part allows to flow water from upper tank to lower tank of the radiator?

- A) Bottom hole  
B) Fins  
C) Core tubes  
D) Water pump

14. What is the main purpose of the lubricant?

- A) Increase the friction  
B) Minimise the friction  
C) Increase the wearness  
D) Increase the noise

7. What is the effect if thermostat valve is struck?

- A) Engine does not stop  
B) Engine gets over heating  
C) Engine gets over cooling  
D) Engine does not start

15. How many valves are used in radiator cap?

- A) One valve  
B) Four valves  
C) Two valves  
D) Three valves

8. Where the metal fins are provided in the air cooled engine?

- A) Exhaust pipe  
B) Cylinder and head  
C) Valve door  
D) Intake manifold

16. Which mixture is used in radiator reverse flushing cleaning?

- A) Flushing water with coolant oil  
B) Flushing water with air (gun) pressure  
C) Flushing water with engine oil  
D) Flushing water with soap oil

9. Which lubrication system is used separate oil tank?

- A) Petrol - oil lubrication  
B) Splash lubrication

17. Which type of pump is used in water cooling system?

- A) Reciprocating pump  
B) Gear pump  
C) Diaphragm pump  
D) Centrifugal pump

18. What is the purpose of metal fins in air cooling system?

- A) Increase the heat
- B) Reduce the heat
- C) Supply the heat
- D) Maintain the heat

19. What is the purpose of the dip stick used in the engine?

- A) To check oil density
- B) To check oil temperature
- C) To check oil level
- D) To check oil pressure

20. Which engine is used the Petrol oil lubrication system?

- A) Four stroke engine
- B) Battery car
- C) Two stroke engine
- D) Steam engine

21. Which type of lubrication system is used in two stroke engine?

- A) Petrol-oil lubrication
- B) Splash lubrication
- C) Dry sump lubrication
- D) Wet sump lubrication

22. When it is required to change the water pump bearing?

- A) Water leakage
- B) Low water pressure
- C) Fan belt loose
- D) Bearing noisy

23. Which part drives the oil pump?

- A) Crank Shaft
- B) Timing gears
- C) Cam Shaft
- D) Crank pulley

24. Which system the gear type oil pump is used?

- A) Air conditioning system
- B) Lubrication system
- C) Cooling system
- D) Fuel system

25. What is the cause of water leakage in water pump?

- A) Worn out seal
- B) Worn out shaft

C) Worn out bearing

D) Worn out impeller

26. Which types of cooling system the rate of cooling is very low?

- A) Thermo siphon system
- B) Air cooling system
- C) Pump circulation system
- D) Forced feed system

27. What is the purpose of a radiator pressure cap?

- A) Maintain the water temperature
- B) Retain the atmospheric pressure
- C) Retain the vacuum pressure
- D) Release the excess pressure

28. Which part is used to pump the water in water pump?

- A) Impeller
- B) Bearing
- C) Shaft
- D) Pulley

29. What is the purpose of water pump in cooling system?

- A) Flushing out the cooling system
- B) Force the water circulation
- C) Reduce the water pressure
- D) Increase the water temperature

30. When the thermostat valve open in engine?

- A) Freezing temperature of engine
- B) Operating temperature of engine
- C) Low temperature of engine
- D) High temperature of engine

31. Which oil is used in cooling system?

- A) Mineral oil
- B) Lubricant oil
- C) Coolant oil
- D) Hydraulic oil