

# ITI Quiz - 07-May-2026

## 11:41 AM

Q. ID: ITISKILL7281UT

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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

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

- A) Worn out impeller
- B) Worn out seal
- C) Worn out shaft
- D) Worn out bearing

A) Through sprocket

B) Through drilled oil passages

C) Through crank pulley

D) Through vibration damper

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

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

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

A) Water pump

B) Core tubes

C) Fins

D) Bottom hole

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

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

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

A) Low water pressure

B) Fan belt loose

C) Bearing noisy

D) Water leakage

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

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

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

A) Engine does not start

B) Engine gets over heating

C) Engine gets over cooling

D) Engine does not stop

5. Which lubrication system is used separate oil tank?

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

13. Which one is the properties of lubricant

A) Oil viscosity should not be same in hot and cold

B) Should develop foam condition

C) Oil viscosity should be suit the operating conditions

D) Boiling temperature should be low

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

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

14. Where heat dissipation take place in cooling system?

A) Water jackets

B) Fan

C) Radiator

D) Water pump

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

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

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

A) Cool the water pump

B) Cool the hot oil

C) Cool the hot air

D) Cool the hot water

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

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

16. What is the main purpose of the lubricant?

A) Increase the friction

B) Increase the noise

C) Increase the wearness

D) Minimise the friction

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

17. Which part is lubricated by splash lubrication system?

A) Cylinder wall

B) Crank pin

C) Timing gears

D) Main journal

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

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

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

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

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

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

21. When the thermostat valve open in engine?

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

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

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

23. Which part drives the oil pump?

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

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

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

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

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

26. How many valves are used in radiator cap?

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

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

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

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

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

29. Which oil is used in cooling system?

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

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

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

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

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