

# ITI Quiz - 18-Mar-2026

## 05:16 PM

Q. ID: ITISKILL3313DR

March 2026

Answer Key

Duration: 31 Mins

Total Marks: 31

Q.ID: ITISKILL3313DR

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

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

Answer: B) By belt

2. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator

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

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

Answer: A) Engine gets over heating

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

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

Answer: A) Reduce the heat

5. How many valves are used in radiator cap?

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

Answer: D) Two valves

6. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

7. 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

Answer: A) Flushing water with air (gun) pressure

8. Which oil is used in cooling system?

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

Answer: C) Coolant oil

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

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

Answer: C) Petrol-oil lubrication

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

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

Answer: C) Centrifugal pump

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

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

Answer: D) Impeller

12. Which part is lubricated by splash lubrication system?

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

Answer: C) Cylinder wall

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

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

Answer: B) Radiator cap

14. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

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

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

Answer: C) Two stroke engine

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

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

Answer: C) Lubrication system

17. Which one is the properties of lubricant

A) Oil viscosity should not be same in hot and cold condition  
B) Boiling temperature should be low

C) Oil viscosity should be suit the operating conditions  
D) Should develop foam

**Answer: C) Oil viscosity should be suit the operating conditions**

18. Which part drives the oil pump?

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

**Answer: A) Cam Shaft**

19. When the thermostat valve open in engine?

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

**Answer: D) Operating temperature of engine**

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

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

**Answer: D) More backlash**

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

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

**Answer: C) Cylinder and head**

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

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

**Answer: C) Bearing noisy**

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

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

**Answer: A) Thermo siphon system**

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

A) Cool the hot water  
B) Cool the water pump

C) Cool the hot oil  
D) Cool the hot air

**Answer: A) Cool the hot water**

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

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

**Answer: C) Through drilled oil passages**

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

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

**Answer: C) Worn out seal**

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

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

**Answer: C) Force the water circulation**

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

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

**Answer: A) Core tubes**

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

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

**Answer: D) To check oil level**

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

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

**Answer: A) Release the excess pressure**

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

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

**Answer: A) Stop coolant flow**