

# ITI Quiz - 09-Mar-2026

## 09:51 PM

Q. ID: ITISKILL0090IS

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. 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**

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

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

**Answer: D) Core tubes**

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

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

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

4. Which part drives the oil pump?

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

**Answer: A) Cam Shaft**

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

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

**Answer: A) Lubrication system**

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

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

**Answer: B) Engine gets over heating**

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

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

**Answer: D) Stop coolant flow**

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

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

**Answer: B) Flushing water with air (gun) pressure**

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

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

**Answer: D) Thermo siphon system**

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

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

**Answer: A) Radiator cap**

11. What is the main purpose of the lubricant?

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

**Answer: D) Minimise the friction**

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

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

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

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

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

**Answer: B) Petrol-oil lubrication**

14. 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

**Answer: B) Reduce the heat**

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

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

**Answer: D) Two stroke engine**

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

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

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

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

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

**Answer: D) Centrifugal pump**

18. When the thermostat valve open in engine?

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

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

19. Which part is lubricated by splash lubrication system?

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

**Answer: A) Cylinder wall**

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

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

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

21. How many valves are used in radiator cap?

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

**Answer: B) Two valves**

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

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

**Answer: B) Bearing noisy**

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

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

**Answer: C) Worn out seal**

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

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

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

25. Which lubrication system is used separate oil tank?

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

**Answer: D) Dry sump lubrication**

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

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

**Answer: A) Impeller**

27. Which one is the properties of lubricant

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

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

28. Which oil is used in cooling system?

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

**Answer: A) Coolant oil**

29. Where heat dissipation take place in cooling system?

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

**Answer: C) Radiator**

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

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

**Answer: A) By belt**

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

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

**Answer: C) Cylinder and head**