

# ITI Quiz - 25-Mar-2026

## 05:17 PM

Q. ID: ITISKILL19907H

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

**Answer: B) Lubrication system**

2. Which part is lubricated by splash lubrication system?

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

**Answer: D) Cylinder wall**

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

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

**Answer: D) Reduce the heat**

4. 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**

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

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

**Answer: D) Impeller**

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

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

**Answer: D) Stop coolant flow**

7. Which one is the properties of lubricant

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

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

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

- A) Water pump
- B) Fins

C) Core tubes

D) Bottom hole

**Answer: C) Core tubes**

9. What is the main purpose of the lubricant?

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

**Answer: C) Minimise the friction**

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

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

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

11. Which oil is used in cooling system?

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

**Answer: C) Coolant oil**

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

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

**Answer: D) Radiator cap**

13. How many valves are used in radiator cap?

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

**Answer: B) Two valves**

14. Where heat dissipation take place in cooling system?

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

**Answer: C) Radiator**

15. When the thermostat valve open in engine?

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

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

16. Which lubrication system is used separate oil tank?

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

**Answer: C) Dry sump lubrication**

**17.** Which part drives the oil pump?

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

**Answer: C) Cam Shaft**

**18.** 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 soap oil         D) Flushing water with engine oil

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

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

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

**Answer: C) By belt**

**20.** What is the purpose of a radiator pressure cap?

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

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

**21.** 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

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

**22.** What is the effect if thermostat valve is struck?

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

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

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

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

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

**24.** 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**

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

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

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

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

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

**Answer: A) Cylinder and head**

**27.** 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**

**28.** Which engine is used the Petrol oil lubrication system?

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

**Answer: D) Two stroke engine**

**29.** 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**

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

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

**Answer: A) Centrifugal pump**

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

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

**Answer: C) Bearing noisy**