

# ITI Quiz - 31-Mar-2026

## 06:49 PM

Q. ID: ITISKILL9595WL

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

**Answer: D) Stop coolant flow**

2. Which lubrication system is used separate oil tank?

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

**Answer: B) Dry sump lubrication**

3. 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**

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

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

**Answer: D) Centrifugal pump**

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

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

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

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

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

**Answer: D) Radiator cap**

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

**Answer: D) Thermo siphon system**

8. How many valves are used in radiator cap?

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

**Answer: C) Two valves**

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

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

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

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

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

**Answer: A) Core tubes**

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

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

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

12. What is the main purpose of the lubricant?

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

**Answer: B) Minimise the friction**

13. Which part drives the oil pump?

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

**Answer: A) Cam Shaft**

14. Where heat dissipation take place in cooling system?

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

**Answer: A) Radiator**

15. 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**

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

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

**Answer: B) Cylinder and head**

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

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

**Answer: D) Two stroke engine**

**18.** What is the cause of water leakage in water pump?

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

**Answer: A) Worn out seal**

**19.** 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) Should develop foam                      D) Oil viscosity should be suit the operating conditions

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

**20.** What is the purpose of the radiator in the cooling system?

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

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

**21.** Which part is lubricated by splash lubrication system?

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

**Answer: C) Cylinder wall**

**22.** 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

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

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

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

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

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

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

**Answer: C) Bearing noisy**

**25.** Which oil is used in cooling system?

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

**Answer: B) Coolant oil**

**26.** What is the reason pump does not suck the oil?

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

**Answer: C) More backlash**

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

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

**Answer: D) By belt**

**28.** 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**

**29.** Which system the gear type oil pump is used?

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

**Answer: C) Lubrication system**

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

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

**Answer: D) Impeller**