

# ITI Quiz - 25-Apr-2026

## 07:37 PM

Q. ID: ITISKILL3881MG

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

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

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

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

**Answer: C) Impeller**

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

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

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

4. Which one is the properties of lubricant

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

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

5. How many valves are used in radiator cap?

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

**Answer: A) Two valves**

6. Which part is lubricated by splash lubrication system?

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

**Answer: B) Cylinder wall**

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

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

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

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

- A) Cool the hot water
- B) Cool the hot oil

- C) Cool the water pump
- D) Cool the hot air

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

9. 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**

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

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

**Answer: C) By belt**

11. 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**

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

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

**Answer: D) Two stroke engine**

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

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

**Answer: D) Cylinder and head**

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

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

**Answer: C) Thermo siphon system**

15. Which part drives the oil pump?

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

**Answer: D) Cam Shaft**

16. Where heat dissipation take place in cooling system?

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

**Answer: B) Radiator**

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

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

**Answer: D) Worn out seal**

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

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

**Answer: A) Core tubes**

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

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

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

**20.** What is the effect if the radiator cores are clogged?

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

**Answer: C) Stop coolant flow**

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

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

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

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

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

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

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

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

**Answer: B) Coolant oil**

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

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

**Answer: C) More backlash**

**25.** 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**

**26.** 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**

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

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

**Answer: C) Reduce the heat**

**28.** Which lubrication system is used separate oil tank?

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

**Answer: C) Dry sump lubrication**

**29.** What is the main purpose of the lubricant?

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

**Answer: C) Minimise the friction**

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

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

**Answer: A) Bearing noisy**

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

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

**Answer: D) Lubrication system**