

# ITI Quiz - 23-Apr-2026

## 11:32 AM

Q. ID: ITISKILL88534Z

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: B) By belt

2. Which lubrication system is used separate oil tank?

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

Answer: D) Dry sump lubrication

3. 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

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

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

Answer: C) Cool the hot water

5. When the thermostat valve open in engine?

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

Answer: A) Operating temperature of engine

6. 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

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

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

Answer: B) Impeller

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

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

Answer: D) Bearing noisy

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

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

Answer: B) Two stroke engine

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

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

Answer: C) To check oil level

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

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

Answer: C) Engine gets over heating

12. 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

13. Which part drives the oil pump?

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

Answer: D) Cam Shaft

14. How many valves are used in radiator cap?

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

Answer: C) Two valves

15. 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

16. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

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

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

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

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

**19.** Which one is the properties of lubricant

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

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

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

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

**Answer: B) Radiator cap**

**21.** Which mixture is used in radiator reverse flushing cleaning?

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

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

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

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

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

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

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

**Answer: B) Core tubes**

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

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

**Answer: D) Centrifugal pump**

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

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

**Answer: D) Lubrication system**

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

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

**Answer: C) Cylinder wall**

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

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

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

**28.** Where heat dissipation take place in cooling system?

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

**Answer: A) Radiator**

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

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

**Answer: B) Thermo siphon system**

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

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

**Answer: C) Coolant oil**

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

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

**Answer: C) Stop coolant flow**