

# ITI Quiz - 12-Mar-2026

## 09:38 PM

Q. ID: ITISKILL0841XG

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Answer Key

Duration: 31 Mins

Total Marks: 31

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

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

**Answer: B) Thermo siphon system**

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

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

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

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

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

**Answer: C) Cylinder and head**

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

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

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

5. Which lubrication system is used separate oil tank?

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

**Answer: A) Dry sump lubrication**

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

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

**Answer: B) Radiator cap**

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

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

**Answer: B) Stop coolant flow**

8. Where heat dissipation take place in cooling system?

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

**Answer: D) Radiator**

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

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

**Answer: B) Reduce the heat**

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

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

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

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

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

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

12. Which part is lubricated by splash lubrication system?

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

**Answer: D) Cylinder wall**

13. Which oil is used in cooling system?

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

**Answer: A) Coolant oil**

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

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

**Answer: C) Worn out seal**

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

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

**Answer: A) Centrifugal pump**

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

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

**Answer: B) Impeller**

17. 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**

18. 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**

19. How many valves are used in radiator cap?

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

**Answer: D) Two valves**

20. 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**

21. Which part drives the oil pump?

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

**Answer: B) Cam Shaft**

22. Which one is the properties of lubricant

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

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

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

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

**Answer: C) Bearing noisy**

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

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

**Answer: B) Core tubes**

25. When the thermostat valve open in engine?

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

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

26. 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**

27. What is the main purpose of the lubricant?

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

**Answer: B) Minimise the friction**

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

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

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

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

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

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

30. 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**

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

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

**Answer: A) By belt**