

# ITI Quiz - 05-Mar-2026

## 06:26 PM

Q. ID: ITISKILL8958BQ

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL8958BQ

Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

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

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

- A) Should develop foam
- C) Boiling temperature should be low

- B) Oil viscosity should be suit the operating conditions
- D) Oil viscosity should not be same in hot and cold condition

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

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

10. How many valves are used in radiator cap?

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

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

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

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

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

4. Where heat dissipation take place in cooling system?

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

12. Which part drives the oil pump?

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

5. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

9. Which one is the properties of lubricant

17. Which part is lubricated by splash lubrication system?

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

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

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

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

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

20. Which oil is used in cooling system?

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

21. What is the reason pump does not suck the oil?

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

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

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

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

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

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

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

25. 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

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

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

27. 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

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

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

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

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

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

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

31. What is the main purpose of the lubricant?

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