

# ITI Quiz - 02-May-2026

## 09:09 AM

Q. ID: ITISKILL6396XX

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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

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

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

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

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

3. 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

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

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

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

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

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

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

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

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

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

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

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

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

10. What is the main purpose of the lubricant?

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

11. Which part drives the oil pump?

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

12. When the thermostat valve open in engine?

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

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

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

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

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

15. How many valves are used in radiator cap?

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

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

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

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

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

18. Which one is the properties of lubricant

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

19. Where heat dissipation take place in cooling system?

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

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

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

21. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

- A) Increase the water temperature
- B) Reduce the water pressure

- C) Flushing out the cooling system
- D) Force the water circulation

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

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

26. 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

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

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

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

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

29. Which lubrication system is used separate oil tank?

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

30. 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

31. Which oil is used in cooling system?

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