

ITI Quiz - 01-Apr-2026

12:20 PM

Q. ID: ITISKILL078769

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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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

2. Which one is the properties of lubricant

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

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

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

4. Where heat dissipation take place in cooling system?

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

5. 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

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

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

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

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

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

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

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

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

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

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

11. 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

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

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

13. What is the main purpose of the lubricant?

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

14. 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 pressure
- D) To check oil density

15. 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

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

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

17. Which lubrication system is used separate oil tank?

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

18. How the water pump get drive in pump circulation

cooling system?

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

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

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

20. 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

21. 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 air
- D) Cool the hot water

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

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

23. Which oil is used in cooling system?

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

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

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

25. Which part is lubricated by splash lubrication system?

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

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

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

27. How many valves are used in radiator cap?

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

28. 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 engine oil
- D) Flushing water with soap oil

29. Which part drives the oil pump?

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

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

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

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

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