

ITI Quiz - 23-Apr-2026

11:32 AM

Q. ID: ITISKILL88534Z

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL88534Z

Student Name: _____ Roll No: _____

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

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

A) Flushing water with coolant oil

B) Flushing water with soap oil

C) Flushing water with air (gun) pressure

D) Flushing water with engine oil

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

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

10. 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

3. Which oil is used in cooling system?

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

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

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

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

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

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

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

5. 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

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

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

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

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

14. What is the main purpose of the lubricant?

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

7. Which part is lubricated by splash lubrication system?

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

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

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

8. 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

16. Which part drives the oil pump?

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

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

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

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

18. When the thermostat valve open in engine?

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

19. Which one is the properties of lubricant

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|--|---|
| 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 |

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

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

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

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

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

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

23. How many valves are used in radiator cap?

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

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

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

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

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

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

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

27. Where heat dissipation take place in cooling system?

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

28. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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