

ITI Quiz - 26-Apr-2026

07:55 PM

Q. ID: ITISKILL3807HZ

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL3807HZ

Student Name: _____ Roll No: _____

1. 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

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

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

3. 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

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

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

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

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

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

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

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

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

8. 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

9. What is the main purpose of the lubricant?

- A) Minimise the friction
- B) Increase the noise

C) Increase the friction

D) Increase the wearness

10. Which lubrication system is used separate oil tank?

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

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

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

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

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

13. When the thermostat valve open in engine?

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

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

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

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

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

16. Which part is lubricated by splash lubrication system?

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

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

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

18. Which mixture is used in radiator reverse flushing

cleaning?

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

19. Where heat dissipation take place in cooling system?

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

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

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

21. Which oil is used in cooling system?

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

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

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

23. How many valves are used in radiator cap?

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

24. Which part drives the oil pump?

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

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

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

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

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

27. 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) Oil viscosity should not be same in hot and cold condition | D) Boiling temperature should be low |

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

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

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

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

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

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

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

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