

ITI Quiz - 30-Mar-2026

06:25 PM

Q. ID: ITISKILL7406VW

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL7406VW

Student Name: _____ Roll No: _____

1. Which part is lubricated by splash lubrication system?

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

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

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

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

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

4. When the thermostat valve open in engine?

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

5. Where heat dissipation take place in cooling system?

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

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

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

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

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

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

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

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

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

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

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

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

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

12. How many valves are used in radiator cap?

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

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

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

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

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

15. What is the main purpose of the lubricant?

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

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

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

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

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

18. What is the purpose of the radiator in the cooling

system?

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

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

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

20. Which one is the properties of lubricant

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|--|---|
| 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 |

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

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

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

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

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

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

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

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

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

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

26. Which part drives the oil pump?

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

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

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

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

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

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

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

30. Which lubrication system is used separate oil tank?

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

31. Which oil is used in cooling system?

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