

ITI Quiz - 09-Mar-2026

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Q. ID: ITISKILL0090IS

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. When the thermostat valve open in engine?

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

2. Where heat dissipation take place in cooling system?

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

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

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

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

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

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

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

6. 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

7. What is the main purpose of the lubricant?

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

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

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

9. How many valves are used in radiator cap?

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

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

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

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

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

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

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

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

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

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

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

15. 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

16. 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

17. Which lubrication system is used separate oil tank?

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

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

- A) Free coolant flow B) Slow coolant flow C) Boiling temperature should be low D) Oil viscosity should be suit the operating conditions
C) Increase coolant flow D) Stop coolant flow
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19. 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
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20. Which part is lubricated by splash lubrication system?

- A) Main journal B) Crank pin
C) Cylinder wall D) Timing gears
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21. What is the reason pump does not suck the oil?

- A) Relief valve struck B) Less radial clearance
C) More backlash D) Filter clogged
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22. 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
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23. Which oil is used in cooling system?

- A) Coolant oil B) Mineral oil
C) Lubricant oil D) Hydraulic oil
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24. Which one is the properties of lubricant

- A) Oil viscosity should not be same in hot and cold condition B) Should develop foam
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25. How the water pump get drive in pump circulation cooling system?

- A) By coupling B) By chain
C) By gear D) By belt
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26. Which part is used to pump the water in water pump?

- A) Impeller B) Pulley
C) Shaft D) Bearing
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27. When it is required to change the water pump bearing?

- A) Low water pressure B) Fan belt loose
C) Bearing noisy D) Water leakage
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28. Which part drives the oil pump?

- A) Cam Shaft B) Crank pulley
C) Timing gears D) Crank Shaft
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29. Which engine is used the Petrol oil lubrication system?

- A) Two stroke engine B) Battery car
C) Four stroke engine D) Steam engine
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30. Which system the gear type oil pump is used?

- A) Lubrication system B) Fuel system
C) Cooling system D) Air conditioning system
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31. Which type of lubrication system is used in two stroke engine?

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