

ITI Quiz - 25-Mar-2026

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Q. ID: ITISKILL5161U1

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. What is the effect if thermostat valve is struck?
- A) Engine gets over heating B) Engine does not start
C) Engine gets over cooling D) Engine does not stop
- Answer: A) Engine gets over heating**
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2. What is the purpose of metal fins in air cooling system?
- A) Maintain the heat B) Reduce the heat
C) Supply the heat D) Increase the heat
- Answer: B) Reduce the heat**
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3. How many valves are used in radiator cap?
- A) One valve B) Three valves
C) Two valves D) Four valves
- Answer: C) Two valves**
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4. Which type of lubrication system is used in two stroke engine?
- A) Dry sump lubrication B) Wet sump lubrication
C) Petrol-oil lubrication D) Splash lubrication
- Answer: C) Petrol-oil lubrication**
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5. Which part is lubricated by splash lubrication system?
- A) Crank pin B) Cylinder wall
C) Main journal D) Timing gears
- Answer: B) Cylinder wall**
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6. What is the effect if the radiator cores are clogged?
- A) Slow coolant flow B) Stop coolant flow
C) Free coolant flow D) Increase coolant flow
- Answer: B) Stop coolant flow**
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7. How the water pump get drive in pump circulation cooling system?
- A) By coupling B) By belt
C) By chain D) By gear
- Answer: B) By belt**
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8. What is the cause of water leakage in water pump?
- A) Worn out bearing B) Worn out shaft
C) Worn out impeller D) Worn out seal
- Answer: D) Worn out seal**
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9. Which part allows to flow water from upper tank to lower tank of the radiator?
- A) Bottom hole B) Fins
C) Core tubes D) Water pump
- Answer: C) Core tubes**
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10. What is the purpose of a radiator pressure cap?
- A) Maintain the water temperature B) Retain the vacuum pressure
C) Release the excess pressure D) Retain the atmospheric pressure
- Answer: C) Release the excess pressure**
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11. Which part is used to pump the water in water pump?
- A) Shaft B) Pulley
C) Impeller D) Bearing
- Answer: C) Impeller**
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12. Which one is the properties of lubricant
- A) Oil viscosity should be suit the operating conditions B) Oil viscosity should not be same in hot and cold condition
C) Should develop foam D) Boiling temperature should be low
- Answer: A) Oil viscosity should be suit the operating conditions**
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13. 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 density D) To check oil pressure
- Answer: B) To check oil level**
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14. Which engine is used the Petrol oil lubrication system?
- A) Four stroke engine B) Steam engine
C) Battery car D) Two stroke engine
- Answer: D) Two stroke engine**
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15. What is the purpose of the radiator in the cooling system?
- A) Cool the hot air B) Cool the hot water
C) Cool the hot oil D) Cool the water pump
- Answer: B) Cool the hot water**
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16. When it is required to change the water pump bearing?
- A) Bearing noisy B) Water leakage

- C) Fan belt loose D) Low water pressure

Answer: A) Bearing noisy

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

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

Answer: A) Flushing water with air (gun) pressure

18. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator

19. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

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

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

Answer: A) More backlash

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

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

Answer: D) Force the water circulation

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

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

Answer: B) Thermo siphon system

23. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

24. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: C) Centrifugal pump

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

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

Answer: D) Cylinder and head

27. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

28. Which part drives the oil pump?

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

Answer: C) Cam Shaft

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

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

Answer: D) Through drilled oil passages

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

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

Answer: D) Radiator cap

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

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

Answer: A) Lubrication system