

ITI Quiz - 26-Apr-2026

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Q. ID: ITISKILL0889DA

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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
2. What is the cause of water leakage in water pump?
A) Worn out bearing B) Worn out shaft
C) Worn out seal D) Worn out impeller
3. Where heat dissipation take place in cooling system?
A) Water jackets B) Fan
C) Radiator D) Water pump
4. What is the purpose of a radiator pressure cap?
A) Retain the vacuum pressure B) Maintain the water temperature
C) Retain the atmospheric pressure D) Release the excess pressure
5. Which type of pump is used in water cooling system?
A) Centrifugal pump B) Reciprocating pump
C) Gear pump D) Diaphragm pump
6. Which oil is used in cooling system?
A) Mineral oil B) Lubricant oil
C) Coolant oil D) Hydraulic oil
7. Which part is used to pump the water in water pump?
A) Impeller B) Shaft
C) Bearing D) Pulley
8. Which lubrication system is used separate oil tank?
A) Petrol - oil lubrication B) Dry sump lubrication
C) Splash lubrication D) Wet sump lubrication
9. Which one is the properties of lubricant
A) Boiling temperature should be low B) Should develop foam
C) Oil viscosity should not be same in hot and cold condition D) Oil viscosity should be suit the operating conditions
10. Which types of cooling system the rate of cooling is very low?
A) Thermo siphon system B) Pump circulation system
C) Air cooling system D) Forced feed system
11. 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
12. When the thermostat valve open in engine?
A) High temperature of engine B) Operating temperature of engine
C) Freezing temperature of engine D) Low temperature of engine
13. What is the effect if the radiator cores are clogged?
A) Slow coolant flow B) Free coolant flow
C) Stop coolant flow D) Increase coolant flow
14. What is the purpose of metal fins in air cooling system?
A) Supply the heat B) Reduce the heat
C) Increase the heat D) Maintain the heat
15. 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
16. What is the reason pump does not suck the oil?
A) Less radial clearance B) Filter clogged
C) More backlash D) Relief valve struck
17. What is the purpose of water pump in cooling system?
A) Reduce the water pressure B) Flushing out the cooling system
C) Force the water circulation D) Increase the water temperature
18. When it is required to change the water pump bearing?

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

19. Which part is lubricated by splash lubrication system?

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

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

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

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

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

22. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

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

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

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

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

28. How many valves are used in radiator cap?

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

29. Which part drives the oil pump?

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

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

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

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

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