

ITI Quiz - 31-Mar-2026

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Q. ID: ITISKILL9595WL

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. What is the reason pump does not suck the oil?
A) Relief valve struck B) Filter clogged
C) Less radial clearance D) More backlash
2. Where the metal fins are provided in the air cooled engine?
A) Cylinder and head B) Intake manifold
C) Exhaust pipe D) Valve door
3. How many valves are used in radiator cap?
A) Four valves B) Two valves
C) Three valves D) One valve
4. Which part is used to pump the water in water pump?
A) Bearing B) Shaft
C) Impeller D) Pulley
5. 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
6. Which lubrication system is used separate oil tank?
A) Dry sump lubrication B) Petrol - oil lubrication
C) Wet sump lubrication D) Splash lubrication
7. What is the purpose of a radiator pressure cap?
A) Release the excess pressure B) Maintain the water temperature
C) Retain the atmospheric pressure D) Retain the vacuum pressure
8. Which part drives the oil pump?
A) Crank Shaft B) Crank pulley
C) Timing gears D) Cam Shaft
9. 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
10. Where heat dissipation take place in cooling system?
A) Water jackets B) Radiator
C) Fan D) Water pump
11. When it is required to change the water pump bearing?
A) Water leakage B) Bearing noisy
C) Fan belt loose D) Low water pressure
12. Which types of cooling system the rate of cooling is very low?
A) Thermo siphon system B) Air cooling system
C) Pump circulation system D) Forced feed system
13. How oil deliver from the crank shaft main bearings to connecting rod bearings?
A) Through drilled oil passages B) Through crank pulley
C) Through vibration damper D) Through sprocket
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. Which type of pump is used in water cooling system?
A) Reciprocating pump B) Gear pump
C) Diaphragm pump D) Centrifugal pump
16. 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
17. Which one is the properties of lubricant
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

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

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

19. Which oil is used in cooling system?

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

20. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

- 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

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

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

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

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

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

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

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

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

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

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

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

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

31. What is the main purpose of the lubricant?

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