

ITI Quiz - 13-Mar-2026

10:30 PM

Q. ID: ITISKILL03546D

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. What is the main purpose of the lubricant?

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

- C) Oil viscosity should not be same in hot and cold condition
D) Boiling temperature should be low

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

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

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

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

3. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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

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

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

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

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

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

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

14. Which part drives the oil pump?

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

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

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

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

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

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

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

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

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

9. Which one is the properties of lubricant

- A) Oil viscosity should be suit the operating conditions
B) Should develop foam

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

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

18. Where heat dissipation take place in cooling system?

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

19. When the thermostat valve open in engine?

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

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

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

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

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

22. 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

23. How many valves are used in radiator cap?

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

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

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

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

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

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

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

27. Which part is lubricated by splash lubrication system?

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

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

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

29. Which oil is used in cooling system?

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

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

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

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

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