

ITI Quiz - 03-Mar-2026

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Q. ID: ITISKILL31314B

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. Which lubrication system is used separate oil tank?

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

2. How many valves are used in radiator cap?

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

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

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

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

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

5. Where heat dissipation take place in cooling system?

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

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

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

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

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

8. Which one is the properties of lubricant

- A) Oil viscosity should not be same in hot and cold condition
B) Should develop foam condition
C) Oil viscosity should be suit the operating conditions
D) Boiling temperature should be low

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

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

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

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

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

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

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

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

13. 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

14. When the thermostat valve open in engine?

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

15. What is the main purpose of the lubricant?

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

16. 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

17. Which part drives the oil pump?

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

18. How the water pump get drive in pump circulation

cooling system?

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

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

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

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

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

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

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

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

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

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

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

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

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

25. 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

26. Which oil is used in cooling system?

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

27. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

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