

ITI Quiz - 01-Apr-2026

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Q. ID: ITISKILL626184

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. Which part drives the oil pump?

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

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

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

3. 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

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

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

5. How many valves are used in radiator cap?

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

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

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

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

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

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

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

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

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

10. Where heat dissipation take place in cooling system?

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

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. Which lubrication system is used separate oil tank?

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

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

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

14. 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

15. When the thermostat valve open in engine?

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

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

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

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

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

18. What is the main purpose of the lubricant?

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

- C) Retain the atmospheric pressure D) Retain the vacuum pressure

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

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

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

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

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

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

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

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

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

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

28. Which one is the properties of lubricant

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

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

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

29. Which oil is used in cooling system?

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

23. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

- A) Maintain the water temperature B) Release the excess pressure