

ITI Quiz - 05-Mar-2026

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Q. ID: ITISKILL768836

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. Where heat dissipation take place in cooling system?

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

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

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

3. Which oil is used in cooling system?

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

4. How many valves are used in radiator cap?

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

5. What is the main purpose of the lubricant?

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

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

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

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

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

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

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

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

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

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

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

11. When the thermostat valve open in engine?

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

12. Which part drives the oil pump?

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

13. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

21. Which one is the properties of lubricant

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

22. Which part is lubricated by splash lubrication system?

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

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

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

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

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

25. 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

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

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

27. 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

28. 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

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

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

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

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

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

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