

ITI Quiz - 30-Mar-2026

06:25 PM

Q. ID: ITISKILL9610QI

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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

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

2. Which part is lubricated by splash lubrication system?

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

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

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

4. How many valves are used in radiator cap?

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

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

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

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

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

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

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

8. Which oil is used in cooling system?

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

9. What is the main purpose of the lubricant?

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

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

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

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

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

12. When the thermostat valve open in engine?

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

13. Which part drives the oil pump?

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

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

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

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

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

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

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

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

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

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

- A) Through crank pulley
- B) Through vibration damper

- C) Through drilled oil passages D) Through sprocket

19. Where heat dissipation take place in cooling system?

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

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

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

21. 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) Boiling temperature should be low D) Oil viscosity should be suit the operating conditions

22. 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

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

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

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

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

25. 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

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

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

27. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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

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

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