

# ITI Quiz - 30-Apr-2026

## 12:07 PM

Q. ID: ITISKILL903971

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

1. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

5. Which oil is used in cooling system?

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

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

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

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

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

8. What is the main purpose of the lubricant?

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

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

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

10. Which part drives the oil pump?

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

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

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

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

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

13. 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
- D) Flushing water with engine oil

14. How many valves are used in radiator cap?

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

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

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

16. 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

17. 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

18. When the thermostat valve open in engine?

- A) Operating temperature of engine
- B) Freezing temperature of engine

C) Low temperature of engine

D) High temperature of engine

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

A) Water pump

B) Bottom hole

C) Core tubes

D) Fins

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

A) Thermo siphon system

B) Air cooling system

C) Pump circulation system

D) Forced feed system

21. Which lubrication system is used separate oil tank?

A) Petrol - oil lubrication

B) Wet sump lubrication

C) Dry sump lubrication

D) Splash lubrication

22. Where heat dissipation take place in cooling system?

A) Water jackets

B) Radiator

C) Water pump

D) Fan

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

A) By coupling

B) By chain

C) By belt

D) By gear

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

A) Through vibration damper

B) Through drilled oil passages

C) Through crank pulley

D) Through sprocket

25. 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

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

A) Cylinder and head

B) Exhaust pipe

C) Valve door

D) Intake manifold

27. Which one is the properties of lubricant

A) Boiling temperature should be low

B) Should develop foam

C) Oil viscosity should not be same in hot and cold condition

D) Oil viscosity should be suit the operating conditions

28. 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

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

A) Water leakage

B) Fan belt loose

C) Low water pressure

D) Bearing noisy

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

A) Shaft

B) Impeller

C) Bearing

D) Pulley

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

A) Worn out impeller

B) Worn out bearing

C) Worn out shaft

D) Worn out seal