

# ITI Quiz - 31-Mar-2026

## 06:19 PM

Q. ID: ITISKILL6835KT

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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

1. 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

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

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

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

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

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

3. When the thermostat valve open in engine?

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

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

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

4. Which part drives the oil pump?

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

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

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

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

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

13. 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

6. 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

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

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

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

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

15. Which part is lubricated by splash lubrication system?

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

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

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

16. Which lubrication system is used separate oil tank?

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

9. What is the main purpose of the lubricant?

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

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

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

- A) Valve door  
B) Intake manifold

C) Cylinder and head

D) Exhaust pipe

19. 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

20. How many valves are used in radiator cap?

A) Three valves

B) Four valves

C) One valve

D) Two valves

21. Where heat dissipation take place in cooling system?

A) Water pump

B) Water jackets

C) Fan

D) Radiator

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

A) Through vibration damper

B) Through sprocket

C) Through drilled oil passages

D) Through crank pulley

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

A) Increase the heat

B) Reduce the heat

C) Maintain the heat

D) Supply the heat

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

A) Flushing out the cooling system

B) Force the water circulation

C) Increase the water temperature

D) Reduce the water pressure

25. Which oil is used in cooling system?

A) Lubricant oil

B) Mineral oil

C) Hydraulic oil

D) Coolant oil

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

A) Steam engine

B) Battery car

C) Two stroke engine

D) Four stroke engine

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

A) Radiator cap

B) Radiator core tubes

C) Radiator fins

D) Radiator hose

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

A) Thermo siphon system

B) Pump circulation system

C) Air cooling system

D) Forced feed system

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

A) Cool the hot oil

B) Cool the hot water

C) Cool the water pump

D) Cool the hot air

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

A) Lubrication system

B) Air conditioning system

C) Cooling system

D) Fuel system

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

A) Retain the vacuum pressure

B) Retain the atmospheric pressure

C) Release the excess pressure

D) Maintain the water temperature