

# ITI Quiz - 13-Mar-2026

## 09:29 PM

Q. ID: ITISKILL82220Q

March 2026

Question Paper

Duration: 31 Mins

Total Marks: 31

ID: ITISKILL82220Q

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

1. 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

2. Which part drives the oil pump?

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

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

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

4. 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

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

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

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

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

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

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

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

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

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

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

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

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

11. 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

12. Which oil is used in cooling system?

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

13. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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

17. When the thermostat valve open in engine?

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

C) High temperature of engine

D) Freezing temperature of engine

A) Two valves

B) Three valves

C) Four valves

D) One valve

18. Where heat dissipation take place in cooling system?

A) Fan

B) Water jackets

C) Water pump

D) Radiator

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

A) Intake manifold

B) Exhaust pipe

C) Valve door

D) Cylinder and head

20. What is the main purpose of the lubricant?

A) Increase the friction

B) Minimise the friction

C) Increase the wearness

D) Increase the noise

21. Which one is the properties of lubricant

A) Should develop foam

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

C) Oil viscosity should be suit the operating conditions

D) Boiling temperature should be low

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

A) Increase the heat

B) Supply the heat

C) Maintain the heat

D) Reduce the heat

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

A) Centrifugal pump

B) Diaphragm pump

C) Reciprocating pump

D) Gear pump

24. How many valves are used in radiator cap?

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

A) Less radial clearance

B) More backlash

C) Filter clogged

D) Relief valve struck

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

A) Worn out seal

B) Worn out shaft

C) Worn out bearing

D) Worn out impeller

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

A) Bearing noisy

B) Water leakage

C) Low water pressure

D) Fan belt loose

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

A) Cool the water pump

B) Cool the hot water

C) Cool the hot air

D) Cool the hot oil

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

A) Wet sump lubrication

B) Splash lubrication

C) Petrol-oil lubrication

D) Dry sump lubrication

30. Which part is lubricated by splash lubrication system?

A) Crank pin

B) Timing gears

C) Cylinder wall

D) Main journal

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

A) To check oil temperature

B) To check oil density

C) To check oil pressure

D) To check oil level