

# ITI Quiz - 26-Apr-2026

## 07:25 PM

Q. ID: ITISKILL5401GA

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL5401GA

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

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

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

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

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

3. How many valves are used in radiator cap?

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

4. Which lubrication system is used separate oil tank?

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

5. Which part drives the oil pump?

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

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

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

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

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

8. Which part is lubricated by splash lubrication system?

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

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

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

10. What is the main purpose of the lubricant?

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

11. 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

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

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

13. 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

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

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

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

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

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

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

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

19. Which oil is used in cooling system?

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

20. Which one is the properties of lubricant

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

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

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

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

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

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

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

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

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

25. When the thermostat valve open in engine?

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

26. Where heat dissipation take place in cooling system?

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

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

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

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

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

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

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

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

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

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

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