

ITI Quiz - 09-Mar-2026

09:51 PM

Q. ID: ITISKILL45168G

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

ID: ITISKILL45168G

Student Name: _____ Roll No: _____

1. Which one is the properties of lubricant

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

C) Radiator hose

D) Radiator cap

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

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

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

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

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

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

11. How many valves are used in radiator cap?

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

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

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

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

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

5. Which part is lubricated by splash lubrication system?

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

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

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

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

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

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

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

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

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

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

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

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

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

16. What is the main purpose of the lubricant?

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

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

- A) Radiator fins
B) Radiator core tubes

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

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

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

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

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

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

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

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

21. When the thermostat valve open in engine?

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

22. Which part drives the oil pump?

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

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

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

24. Which oil is used in cooling system?

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

25. Where heat dissipation take place in cooling system?

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

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

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

27. Which lubrication system is used separate oil tank?

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

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

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

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

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

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

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

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

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