

ITI Quiz - 13-Mar-2026

10:30 PM

Q. ID: ITISKILL03546D

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: C) Two stroke engine

2. Which part drives the oil pump?

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

Answer: B) Cam Shaft

3. 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

Answer: B) Engine gets over heating

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

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

Answer: C) Release the excess pressure

5. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

6. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

7. How many valves are used in radiator cap?

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

Answer: C) Two valves

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

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

Answer: C) Worn out seal

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

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

Answer: D) Impeller

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

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

Answer: C) Cylinder and head

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

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

Answer: A) Bearing noisy

12. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

13. 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

Answer: D) Reduce the heat

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

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

Answer: C) Core tubes

15. Which oil is used in cooling system?

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

Answer: D) Coolant oil

16. 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

Answer: B) To check oil level

17. Which type of lubrication system is used in two stroke

engine?

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

Answer: B) Petrol-oil lubrication

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

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

Answer: D) More backlash

19. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

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

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

Answer: D) Lubrication system

21. Which one is the properties of lubricant

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

Answer: D) Oil viscosity should be suit the operating conditions

22. 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 engine oil
- D) Flushing water with coolant oil

Answer: A) Flushing water with air (gun) pressure

23. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

24. 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

Answer: D) Stop coolant flow

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

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

Answer: C) Cool the hot water

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

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

Answer: B) Force the water circulation

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

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

Answer: D) By belt

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

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

Answer: B) Centrifugal pump

29. 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

Answer: B) Through drilled oil passages

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

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

Answer: B) Thermo siphon system

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

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

Answer: D) Radiator cap