

ITI Quiz - 25-Mar-2026

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Q. ID: ITISKILL397760

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: C) Lubrication system

2. Which lubrication system is used separate oil tank?

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

Answer: D) Dry sump lubrication

3. 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

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

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

Answer: D) Centrifugal pump

5. How many valves are used in radiator cap?

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

Answer: D) Two valves

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

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

Answer: A) To check oil level

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

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

Answer: D) Cylinder and head

8. Which part is lubricated by splash lubrication system?

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

Answer: C) Cylinder wall

9. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

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

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

Answer: A) Bearing noisy

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

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

Answer: D) Two stroke engine

12. Which oil is used in cooling system?

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

Answer: A) Coolant oil

13. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

14. 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

Answer: B) Thermo siphon system

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

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

Answer: C) Radiator cap

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

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

Answer: B) More backlash

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

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

Answer: D) Release the excess pressure

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

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

Answer: D) Stop coolant flow

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

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

Answer: C) Core tubes

20. 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 air (gun) pressure
D) Flushing water with engine oil

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

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

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

Answer: A) Through drilled oil passages

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

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

Answer: C) Worn out seal

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

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

Answer: B) By belt

24. When the thermostat valve open in engine?

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

- C) Operating temperature of engine
D) Freezing temperature of engine

Answer: C) Operating temperature of engine

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

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

Answer: D) Petrol-oil lubrication

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

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

Answer: C) Cool the hot water

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

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

Answer: A) Impeller

28. Which part drives the oil pump?

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

Answer: D) Cam Shaft

29. 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

Answer: B) Reduce the heat

30. Which one is the properties of lubricant

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

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

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

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

Answer: C) Engine gets over heating