

ITI Quiz - 30-Mar-2026

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Q. ID: ITISKILL6624ZM

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. 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

Answer: B) Core tubes

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

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

Answer: B) Reduce the heat

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

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

Answer: C) More backlash

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

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

Answer: D) By belt

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

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

Answer: A) Cool the hot water

6. How many valves are used in radiator cap?

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

Answer: C) Two valves

7. 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

Answer: A) Through drilled oil passages

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

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

Answer: C) Worn out seal

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

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

Answer: A) Release the excess pressure

10. Where heat dissipation take place in cooling system?

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

Answer: D) Radiator

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

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

Answer: A) Bearing noisy

12. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

13. Which oil is used in cooling system?

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

Answer: B) Coolant oil

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

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

Answer: B) Two stroke engine

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

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

Answer: C) Petrol-oil lubrication

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

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

Answer: B) Cylinder and head

17. 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

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

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

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

Answer: C) Engine gets over heating

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

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

Answer: B) Lubrication system

20. What is the main purpose of the lubricant?

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

Answer: A) Minimise the friction

21. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

22. Which part drives the oil pump?

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

Answer: A) Cam Shaft

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

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

Answer: B) Force the water circulation

24. Which part is lubricated by splash lubrication system?

- A) Cylinder wall
- B) Crank pin

C) Main journal

D) Timing gears

Answer: A) Cylinder wall

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

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

Answer: D) Radiator cap

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

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

Answer: A) Impeller

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

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

Answer: A) Centrifugal pump

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

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

Answer: C) Thermo siphon system

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

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

Answer: A) Stop coolant flow

30. Which one is the properties of lubricant

- A) Boiling temperature should be low
- B) Oil viscosity should be suit the operating conditions
- C) Should develop foam
- 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 purpose of the dip stick used in the engine?

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

Answer: B) To check oil level