

ITI Quiz - 31-Mar-2026

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Q. ID: ITISKILL89932P

March 2026

Answer Key

Duration: 31 Mins

Total Marks: 31

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

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

Answer: C) Stop coolant flow

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

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

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

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

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

Answer: D) Two stroke engine

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

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

Answer: D) Worn out seal

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

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

Answer: C) To check oil level

6. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: D) Thermo siphon system

8. How many valves are used in radiator cap?

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

Answer: A) Two valves

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

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

Answer: B) Impeller

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

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

Answer: B) Petrol-oil lubrication

11. Which oil is used in cooling system?

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

Answer: B) Coolant oil

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

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

Answer: C) Reduce the heat

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

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

Answer: D) Core tubes

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

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

Answer: A) Release the excess pressure

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

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

Answer: B) Lubrication system

16. Where heat dissipation take place in cooling system?

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

Answer: B) Radiator

17. Which one is the properties of lubricant

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

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

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

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

Answer: C) Force the water circulation

19. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

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

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

Answer: B) Cool the hot water

21. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

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

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

Answer: C) Radiator cap

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

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

Answer: D) Through drilled oil passages

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

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

Answer: B) More backlash

25. 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

26. Which part drives the oil pump?

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

Answer: A) Cam Shaft

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

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

Answer: C) Cylinder and head

28. 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

29. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

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

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

Answer: A) Engine gets over heating

31. 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