

ITI Quiz - 27-Mar-2026

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Q. ID: ITISKILL7959AD

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: A) Stop coolant flow

2. 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

Answer: D) Operating temperature of engine

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

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

Answer: A) Lubrication system

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

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

Answer: A) Reduce the heat

5. 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

Answer: D) Petrol-oil lubrication

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

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

Answer: C) By belt

7. Which oil is used in cooling system?

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

Answer: D) Coolant oil

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

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

Answer: A) Thermo siphon system

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

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

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

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

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

Answer: A) Cylinder and head

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

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

Answer: B) Engine gets over heating

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

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

Answer: A) Worn out seal

13. 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

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

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

Answer: C) Force the water circulation

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

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

Answer: B) Bearing noisy

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

- A) Water pump
- C) Core tubes

- B) Bottom hole
- D) Fins

Answer: C) Core tubes

17. Which part drives the oil pump?

- A) Cam Shaft
- C) Crank pulley

- B) Timing gears
- D) Crank Shaft

Answer: A) Cam Shaft

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

- A) Radiator cap
- C) Radiator fins

- B) Radiator hose
- D) Radiator core tubes

Answer: A) Radiator cap

19. Which part is lubricated by splash lubrication system?

- A) Timing gears
- C) Crank pin

- B) Main journal
- D) Cylinder wall

Answer: D) Cylinder wall

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

- A) Bearing
- C) Impeller

- B) Shaft
- D) Pulley

Answer: C) Impeller

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

- A) To check oil pressure
- C) To check oil level

- B) To check oil temperature
- D) To check oil density

Answer: C) To check oil level

22. How many valves are used in radiator cap?

- A) Two valves
- C) Four valves

- B) Three valves
- D) One valve

Answer: A) Two valves

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

- A) Diaphragm pump
- C) Gear pump

- B) Centrifugal pump
- D) Reciprocating pump

Answer: B) Centrifugal pump

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

- A) Cool the hot air

- B) Cool the hot water

- C) Cool the water pump

- D) Cool the hot oil

Answer: B) Cool the hot water

25. Which one is the properties of lubricant

- A) Should develop foam

- B) Boiling temperature should be low

- C) Oil viscosity should be suit the operating conditions

- D) Oil viscosity should not be same in hot and cold condition

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

26. 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

27. 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

28. Where heat dissipation take place in cooling system?

- A) Fan

- B) Water jackets

- C) Water pump

- D) Radiator

Answer: D) Radiator

29. What is the main purpose of the lubricant?

- A) Increase the wearness

- B) Increase the friction

- C) Minimise the friction

- D) Increase the noise

Answer: C) Minimise the friction

30. Which lubrication system is used separate oil tank?

- A) Dry sump lubrication

- B) Splash lubrication

- C) Wet sump lubrication

- D) Petrol - oil lubrication

Answer: A) Dry sump lubrication

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

- A) Retain the atmospheric pressure

- B) Release the excess pressure

- C) Maintain the water temperature

- D) Retain the vacuum pressure

Answer: B) Release the excess pressure