

ITI Quiz - 01-May-2026

07:18 PM

Q. ID: ITISKILL6560GU

May 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) Free coolant flow
- C) Slow coolant flow
- D) Increase coolant flow

Answer: A) Stop coolant flow

2. 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 air (gun) pressure
- D) Flushing water with coolant oil

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

3. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

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

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

Answer: C) Reduce the heat

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

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

Answer: A) Thermo siphon system

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

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

Answer: C) Release the excess pressure

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

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

Answer: B) By belt

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

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

Answer: D) Force the water circulation

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

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

Answer: B) Core tubes

10. 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

11. 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

12. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

13. Which part drives the oil pump?

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

Answer: B) Cam Shaft

14. 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 oil
- D) Cool the hot water

Answer: D) Cool the hot water

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

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

Answer: B) Impeller

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

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

Answer: C) Bearing noisy

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

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

Answer: D) Petrol-oil lubrication

18. 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

19. Which one is the properties of lubricant

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

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

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

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

Answer: A) Cylinder and head

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

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

Answer: A) Centrifugal pump

22. How many valves are used in radiator cap?

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

Answer: B) Two valves

23. Which oil is used in cooling system?

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

Answer: B) Coolant oil

24. 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

25. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

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

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

Answer: A) Worn out seal

27. 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

28. Which lubrication system is used separate oil tank?

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

Answer: D) Dry sump lubrication

29. 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

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

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

Answer: D) Engine gets over heating

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

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

Answer: C) Through drilled oil passages