

ITI Quiz - 27-Mar-2026

03:44 PM

Q. ID: ITISKILL6599Y3

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

Q.ID: ITISKILL6599Y3

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

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

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

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

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

Answer: D) Radiator cap

3. How many valves are used in radiator cap?

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

Answer: A) Two valves

4. 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

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

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

Answer: B) Thermo siphon system

6. 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

7. Which part is lubricated by splash lubrication system?

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

Answer: C) Cylinder wall

8. 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

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

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

Answer: D) By belt

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

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

Answer: C) Lubrication system

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

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

Answer: C) Two stroke engine

12. What is the main purpose of the lubricant?

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

Answer: A) Minimise the friction

13. 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

14. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

15. Which oil is used in cooling system?

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

Answer: D) Coolant oil

16. Which lubrication system is used separate oil tank?

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

Answer: B) Dry sump lubrication

17. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

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

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

Answer: C) Through drilled oil passages

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

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

Answer: D) Centrifugal pump

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

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

Answer: B) Impeller

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

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

Answer: D) Reduce the heat

22. 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

23. 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

24. Which part drives the oil pump?

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

Answer: C) Cam Shaft

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

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

Answer: B) To check oil level

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

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

Answer: A) Release the excess pressure

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

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

Answer: B) Bearing noisy

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

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

Answer: A) Worn out seal

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

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

Answer: A) Engine gets over heating

30. 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

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

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

Answer: B) Core tubes