

ITI Quiz - 27-Mar-2026

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Q. ID: ITISKILL47775B

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

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

2. 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

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

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

Answer: B) Radiator cap

4. Which part is lubricated by splash lubrication system?

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

Answer: C) Cylinder wall

5. Which one is the properties of lubricant

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

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

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

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

Answer: A) Core tubes

7. 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

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

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

Answer: B) Engine gets over heating

9. 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

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

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

Answer: C) Through drilled oil passages

11. 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

12. Where heat dissipation take place in cooling system?

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

Answer: C) Radiator

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

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

Answer: D) Cylinder and head

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

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

Answer: C) More backlash

15. Which lubrication system is used separate oil tank?

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

Answer: C) Dry sump lubrication

16. How many valves are used in radiator cap?

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

Answer: D) Two valves

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

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

Answer: C) By belt

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

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

Answer: A) Stop coolant flow

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

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

Answer: A) Release the excess pressure

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

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

Answer: D) Bearing noisy

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

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

Answer: C) Impeller

22. Which oil is used in cooling system?

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

Answer: B) Coolant oil

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

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

Answer: B) Petrol-oil lubrication

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

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

Answer: A) Reduce the heat

25. Which part drives the oil pump?

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

Answer: C) Cam Shaft

26. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine

27. 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

28. 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

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

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

Answer: D) To check oil level

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

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

Answer: D) Centrifugal pump

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

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

Answer: B) Force the water circulation