

ITI Quiz - 30-Apr-2026

12:07 PM

Q. ID: ITISKILL903971

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. Which oil is used in cooling system?

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

Answer: B) Coolant oil

2. 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

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

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

Answer: D) Engine gets over heating

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

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

Answer: C) Stop coolant flow

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

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

Answer: D) Petrol-oil lubrication

6. Which one is the properties of lubricant

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

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

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

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

Answer: D) Radiator cap

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

- A) Exhaust pipe B) Cylinder and head

- C) Intake manifold D) Valve door

Answer: B) Cylinder and head

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

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

Answer: B) Impeller

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

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

Answer: B) Release the excess pressure

11. When the thermostat valve open in engine?

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

Answer: A) Operating temperature of engine

12. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

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

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

Answer: A) To check oil level

14. Which lubrication system is used separate oil tank?

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

Answer: D) Dry sump lubrication

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

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

Answer: B) Bearing noisy

16. 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

17. Which part drives the oil pump?

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

Answer: D) Cam Shaft

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

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

Answer: A) Through drilled oil passages

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

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

Answer: C) Two stroke engine

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

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

Answer: C) By belt

21. How many valves are used in radiator cap?

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

Answer: D) Two valves

22. 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

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

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

Answer: D) Lubrication system

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 is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

26. 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

27. What is the main purpose of the lubricant?

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

Answer: D) Minimise the friction

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

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

Answer: D) Cool the hot water

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

- A) Flushing water with soap 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

30. 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

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

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

Answer: A) More backlash