

ITI Quiz - 26-Apr-2026

07:25 PM

Q. ID: ITISKILL5401GA

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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

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

Answer: B) Petrol-oil lubrication

2. Which lubrication system is used separate oil tank?

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

Answer: A) Dry sump lubrication

3. 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

4. What is the main purpose of the lubricant?

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

Answer: C) Minimise the friction

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

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

Answer: C) Radiator cap

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

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

Answer: C) Core tubes

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

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

Answer: C) Engine gets over heating

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

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

Answer: B) To check oil level

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

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

Answer: B) Impeller

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

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

Answer: A) Two stroke engine

11. How many valves are used in radiator cap?

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

Answer: A) Two valves

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

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

Answer: C) Thermo siphon system

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

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

Answer: C) Cylinder and head

14. 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

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

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

Answer: B) Force the water circulation

16. Where heat dissipation take place in cooling system?

- A) Water jackets B) Water pump

C) Radiator D) Fan

Answer: C) Radiator

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

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

Answer: B) Worn out seal

18. Which oil is used in cooling system?

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

Answer: C) Coolant oil

19. 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

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

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

Answer: C) Stop coolant flow

21. 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

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

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

Answer: A) More backlash

23. Which part is lubricated by splash lubrication system?

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

Answer: B) Cylinder wall

24. Which one is the properties of lubricant

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

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

25. 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

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

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

Answer: D) Through drilled oil passages

27. 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

28. Which part drives the oil pump?

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

Answer: D) Cam Shaft

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

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

Answer: A) By belt

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

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

Answer: B) Release the excess pressure

31. When the thermostat valve open in engine?

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

Answer: C) Operating temperature of engine