

ITI Quiz - 09-Mar-2026

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Q. ID: ITISKILL45168G

March 2026

Answer Key

Duration: 30 Mins

Total Marks: 31

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1. What is the main purpose of the lubricant?

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

Answer: B) Minimise the friction

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

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

Answer: D) Radiator cap

3. 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

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

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

Answer: D) Core tubes

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

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

Answer: C) To check oil level

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

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

Answer: B) Engine gets over heating

7. 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

8. 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
D) Should develop foam condition

Answer: A) Oil viscosity should be suit the operating

conditions

9. Which part is lubricated by splash lubrication system?

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

Answer: D) Cylinder wall

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

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

Answer: C) Worn out seal

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

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

Answer: B) Lubrication system

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

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

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

13. Which part drives the oil pump?

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

Answer: D) Cam Shaft

14. Where heat dissipation take place in cooling system?

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

Answer: A) Radiator

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

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

Answer: C) Release the excess pressure

16. When the thermostat valve open in engine?

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

Answer: B) Operating temperature of engine

17. 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

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

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

Answer: A) Cylinder and head

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

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

Answer: B) Cool the hot water

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

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

Answer: D) Bearing noisy

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

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

Answer: D) Two stroke engine

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

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

Answer: A) Thermo siphon system

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

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

Answer: B) Stop coolant flow

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

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

Answer: A) Force the water circulation

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

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

Answer: C) Impeller

26. 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

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

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

Answer: C) More backlash

28. How many valves are used in radiator cap?

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

Answer: D) Two valves

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

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

Answer: B) By belt

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

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

Answer: B) Petrol-oil lubrication

31. Which oil is used in cooling system?

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

Answer: C) Coolant oil