

ITI Quiz - 27-Mar-2026

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Q. ID: ITISKILL47775B

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Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. Where heat dissipation take place in cooling system?

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

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

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

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

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

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

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

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

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

6. When the thermostat valve open in engine?

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

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

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

8. What is the main purpose of the lubricant?

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

9. Which oil is used in cooling system?

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

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

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

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 hot oil
- D) Cool the water pump

12. 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

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

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

14. How many valves are used in radiator cap?

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

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

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

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

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

17. Which part is lubricated by splash lubrication system?

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

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

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

C) Release the excess pressure

D) Retain the atmospheric pressure

C) Cam Shaft

D) Crank pulley

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

A) Fuel system

B) Lubrication system

C) Air conditioning system

D) Cooling system

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

A) Wet sump lubrication

B) Splash lubrication

C) Petrol-oil lubrication

D) Dry sump lubrication

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

A) Filter clogged

B) Relief valve struck

C) Less radial clearance

D) More backlash

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

A) By belt

B) By coupling

C) By chain

D) By gear

23. Which lubrication system is used separate oil tank?

A) Splash lubrication

B) Petrol - oil lubrication

C) Dry sump lubrication

D) Wet sump lubrication

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

A) Forced feed system

B) Air cooling system

C) Pump circulation system

D) Thermo siphon system

25. Which part drives the oil pump?

A) Timing gears

B) Crank Shaft

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

A) Flushing out the cooling system

B) Reduce the water pressure

C) Increase the water temperature

D) Force the water circulation

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

A) Flushing water with engine oil

B) Flushing water with air (gun) pressure

C) Flushing water with soap oil

D) Flushing water with coolant oil

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

A) Four stroke engine

B) Steam engine

C) Two stroke engine

D) Battery car

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

A) Through drilled oil passages

B) Through crank pulley

C) Through vibration damper

D) Through sprocket

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

A) Exhaust pipe

B) Valve door

C) Intake manifold

D) Cylinder and head

31. 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 density

D) To check oil level