

ITI Quiz - 25-Apr-2026

07:37 PM

Q. ID: ITISKILL3881MG

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

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

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

A) Gear pump

B) Reciprocating pump

C) Centrifugal pump

D) Diaphragm pump

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

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

11. 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

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

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

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

A) Engine does not stop

B) Engine gets over heating

C) Engine gets over cooling

D) Engine does not start

4. Which part drives the oil pump?

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

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

A) Force the water circulation

B) Increase the water temperature

C) Flushing out the cooling system

D) Reduce the water pressure

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

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

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

A) Cool the hot oil

B) Cool the hot water

C) Cool the hot air

D) Cool the water pump

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

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

15. What is the main purpose of the lubricant?

A) Increase the friction

B) Minimise the friction

C) Increase the wearness

D) Increase the noise

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

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

16. Where heat dissipation take place in cooling system?

A) Water pump

B) Fan

C) Water jackets

D) Radiator

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

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

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

A) Dry sump lubrication

B) Wet sump lubrication

C) Splash lubrication

D) Petrol-oil lubrication

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

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

18. When the thermostat valve open in engine?

A) Operating temperature of engine

B) Freezing temperature of engine

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

C) Low temperature of engine

D) High temperature of engine

19. Which part is lubricated by splash lubrication system?

A) Crank pin

B) Cylinder wall

C) Timing gears

D) Main journal

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

A) Bearing noisy

B) Low water pressure

C) Fan belt loose

D) Water leakage

21. Which one is the properties of lubricant

A) Boiling temperature should be low

B) Oil viscosity should be suit the operating conditions

C) Should develop foam

D) Oil viscosity should not be same in hot and cold condition

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

A) Flushing water with air (gun) pressure

B) Flushing water with engine oil

C) Flushing water with soap oil

D) Flushing water with coolant oil

23. Which lubrication system is used separate oil tank?

A) Petrol - oil lubrication

B) Dry sump lubrication

C) Splash lubrication

D) Wet sump lubrication

24. 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

25. 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

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

A) Thermo siphon system

B) Forced feed system

C) Pump circulation system

D) Air cooling system

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

A) Less radial clearance

B) Relief valve struck

C) Filter clogged

D) More backlash

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

A) Air conditioning system

B) Lubrication system

C) Cooling system

D) Fuel system

29. How many valves are used in radiator cap?

A) Four valves

B) Three valves

C) Two valves

D) One valve

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

A) Radiator cap

B) Radiator fins

C) Radiator core tubes

D) Radiator hose

31. Which oil is used in cooling system?

A) Coolant oil

B) Hydraulic oil

C) Mineral oil

D) Lubricant oil