

ITI Quiz - 27-Mar-2026

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Q. ID: ITISKILL7959AD

March 2026

Question Paper

Duration: 30 Mins

Total Marks: 31

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Student Name: _____ Roll No: _____

1. What is the main purpose of the lubricant?
A) Increase the friction B) Increase the weariness
C) Increase the noise D) Minimise the friction
2. Which system the gear type oil pump is used?
A) Lubrication system B) Air conditioning system
C) Cooling system D) Fuel system
3. Which type of pump is used in water cooling system?
A) Diaphragm pump B) Reciprocating pump
C) Centrifugal pump D) Gear pump
4. How many valves are used in radiator cap?
A) One valve B) Three valves
C) Two valves D) Four valves
5. Which oil is used in cooling system?
A) Hydraulic oil B) Mineral oil
C) Lubricant oil D) Coolant oil
6. When it is required to change the water pump bearing?
A) Bearing noisy B) Fan belt loose
C) Low water pressure D) Water leakage
7. Where heat dissipation take place in cooling system?
A) Water pump B) Fan
C) Water jackets D) Radiator
8. What is the purpose of water pump in cooling system?
A) Increase the water temperature B) Reduce the water pressure
C) Flushing out the cooling system D) Force the water circulation
9. Which engine is used the Petrol oil lubrication system?
A) Battery car B) Steam engine
C) Four stroke engine D) Two stroke engine
10. 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
11. What is the effect if the radiator cores are clogged?
A) Increase coolant flow B) Slow coolant flow
C) Stop coolant flow D) Free coolant flow
12. Which lubrication system is used separate oil tank?
A) Dry sump lubrication B) Splash lubrication
C) Wet sump lubrication D) Petrol - oil lubrication
13. Which part helps to increase the water boiling point in water cooling system?
A) Radiator fins B) Radiator hose
C) Radiator cap D) Radiator core tubes
14. What is the reason pump does not suck the oil?
A) More backlash B) Relief valve struck
C) Filter clogged D) Less radial clearance
15. How oil deliver from the crank shaft main bearings to connecting rod bearings?
A) Through drilled oil passages B) Through vibration damper
C) Through sprocket D) Through crank pulley
16. When the thermostat valve open in engine?
A) High temperature of engine B) Freezing temperature of engine
C) Operating temperature of engine D) Low temperature of engine
17. 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
18. Which type of lubrication system is used in two stroke engine?
A) Splash lubrication B) Petrol-oil lubrication

C) Dry sump lubrication D) Wet sump lubrication

A) Valve door

B) Cylinder and head

C) Intake manifold

D) Exhaust pipe

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

A) Impeller

B) Shaft

C) Pulley

D) Bearing

20. Which part is lubricated by splash lubrication system?

A) Main journal

B) Timing gears

C) Crank pin

D) Cylinder wall

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

A) Flushing water with air (gun) pressure

B) Flushing water with soap oil

C) Flushing water with engine oil

D) Flushing water with coolant oil

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

A) Engine does not start

B) Engine does not stop

C) Engine gets over cooling

D) Engine gets over heating

23. Which part drives the oil pump?

A) Crank Shaft

B) Crank pulley

C) Timing gears

D) Cam Shaft

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

26. 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

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

A) Air cooling system

B) Forced feed system

C) Pump circulation system

D) Thermo siphon system

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

A) Retain the atmospheric pressure

B) Retain the vacuum pressure

C) Release the excess pressure

D) Maintain the water temperature

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

A) To check oil level

B) To check oil pressure

C) To check oil temperature

D) To check oil density

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

A) Increase the heat

B) Supply the heat

C) Reduce the heat

D) Maintain the heat

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

A) By chain

B) By coupling

C) By belt

D) By gear