

# ITI Quiz - 30-Apr-2026

## 06:26 PM

Q. ID: ITISKILL893770

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 52

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

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

**Answer: D) Lubrication system**

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

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

**Answer: C) Core tubes**

3. 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**

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

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

**Answer: A) By belt**

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

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

**Answer: A) Cool the hot water**

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

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

**Answer: D) To check oil level**

7. What is the reason to decrease the volumetric efficiency in exhaust system?

- A) High temperature
- B) Low temperature
- C) Low noise
- D) Excessive back pressure

**Answer: D) Excessive back pressure**

8. Which metal in the fuel is to be avoided while fitting catalytic convertor?

- A) Lead
- B) Phosphorus
- C) Tin
- D) Chromium

**Answer: A) Lead**

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

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

**Answer: D) Thermo siphon system**

10. Which part drives the oil pump?

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

**Answer: D) Cam Shaft**

11. Which part is lubricated by splash lubrication system?

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

**Answer: B) Cylinder wall**

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

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

**Answer: A) Cylinder and head**

13. What is the material of exhaust manifold?

- A) Bronze
- B) Steel alloy
- C) Cast iron
- D) Brass

**Answer: C) Cast iron**

14. Which are the materials commonly used in the catalytic converter?

- A) Asbestos and ceramics
- B) Chromium and vanadium
- C) Zinc and molybdenum
- D) Palladium and platinum

**Answer: D) Palladium and platinum**

15. Which one of the following acts as a flame arrester during engine back fire?

- A) Oil filter
- B) Fuel filter
- C) Muffler
- D) Air filter

**Answer: D) Air filter**

16. Where the exhaust system muffler is connected?

- A) Between engine head and exhaust manifold
- B) Between exhaust pipe and tail pipe
- C) Between tail pipe and exhaust manifold
- D) Between exhaust pipe and exhaust manifold

**Answer: B) Between exhaust pipe and tail pipe**

**17.** Which part connects the petrol engine inlet manifold?

- A) Injector
- B) Carburetor
- C) Air filter
- D) Fuel pump

**Answer: B) Carburetor**

**18.** Which type of muffler produces anti noise without restricting exhaust flow?

- A) Baffle type
- B) Reverse flow type
- C) Electronic type
- D) Straight through type

**Answer: C) Electronic type**

**19.** What is the purpose of a radiator pressure cap?

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

**Answer: D) Release the excess pressure**

**20.** Which mixture is used in radiator reverse flushing cleaning?

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

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

**21.** Which lubrication system is used separate oil tank?

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

**Answer: B) Dry sump lubrication**

**22.** What is the material of inlet manifold?

- A) Aluminium alloy
- B) Bronze
- C) Stainless steel
- D) Brass

**Answer: A) Aluminium alloy**

**23.** Where is the turbocharger mounted?

- A) Cylinder head
- B) Inlet manifold
- C) Air filter
- D) Exhaust manifold

**Answer: D) Exhaust manifold**

**24.** What is the effect if the radiator cores are clogged?

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

**Answer: B) Stop coolant flow**

**25.** How does a turbocharger get drive?

- A) By belt
- B) By exhaust gas
- C) By inlet gas
- D) By gear

**Answer: B) By exhaust gas**

**26.** Which part is used to pump the water in water pump?

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

**Answer: D) Impeller**

**27.** What is the purpose of the muffler in the exhaust system?

- A) To reduce the heat
- B) To reduce the noise
- C) To filter the exhaust gases
- D) To reduce the vibration

**Answer: B) To reduce the noise**

**28.** Which oil is used in cooling system?

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

**Answer: D) Coolant oil**

**29.** How many valves are used in radiator cap?

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

**Answer: D) Two valves**

**30.** Which component is related to exhaust system?

- A) Injection pump
- B) Carburetor
- C) Air filter
- D) Muffler

**Answer: D) Muffler**

**31.** What is the main purpose of the lubricant?

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

**Answer: C) Minimise the friction**

**32.** Which is related to pneumatic system?

- A) Electric
- B) Pressurized water
- C) Compressed air
- D) Steam

**Answer: C) Compressed air**

**33.** What is the effect if thermostat valve is struck?

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

**Answer: D) Engine gets over heating**

**34.** Where heat dissipation take place in cooling system?

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

**Answer: C) Radiator**

**35.** What is the purpose of catalytic converter?

- A) Control the temperature
- B) Control the emission



C) Inlet system

D) Fuel system

**Answer: A) Exhaust system**

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