

# ITI Quiz - 29-Apr-2026

## 07:33 PM

Q. ID: ITISKILL611101

April 2026

Answer Key

Duration: 52 Mins

Total Marks: 52

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1. Where heat dissipation take place in cooling system?

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

**Answer: D) Radiator**

2. What is the purpose of the turbo charger?

- A) Pump more air into the cylinder
- B) Filter the exhaust gas
- C) Scavenging
- D) Save power

**Answer: A) Pump more air into the cylinder**

3. What is the material of exhaust manifold?

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

**Answer: A) Cast iron**

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

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

**Answer: B) Cylinder and head**

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

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

**Answer: C) Lead**

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

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

**Answer: C) Two stroke engine**

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

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

**Answer: A) Worn out seal**

8. Which part is lubricated by splash lubrication system?

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

**Answer: A) Cylinder wall**

9. Where the exhaust system muffler is connected?

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

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

10. Which part drives the oil pump?

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

**Answer: B) Cam Shaft**

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

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

**Answer: D) Excessive back pressure**

12. 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**

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

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

**Answer: A) Centrifugal pump**

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

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

**Answer: D) Electronic type**

15. 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**

16. Which type of filter element is fitted in dry type air cleaner?

- A) Paper
- B) Wire mesh
- C) Cloth
- D) Strainer



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

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

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

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

**Answer: D) Exhaust manifold**

**36.** Which are the materials commonly used in the catalytic converter?

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

**Answer: C) Palladium and platinum**

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

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

**Answer: A) Air filter**

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

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

**Answer: D) Petrol-oil lubrication**

**39.** Where the catalytic converters are used?

- A) Exhaust system              B) Inlet system  
C) Lubrication system         D) Fuel system

**Answer: A) Exhaust system**

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

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

**Answer: B) By belt**

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

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

**Answer: C) Compressed air**

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

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

**Answer: A) Coolant oil**

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

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

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

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

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

**Answer: B) Impeller**

**45.** 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**

**46.** Which system the gear type oil pump is used?

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

**Answer: D) Lubrication system**

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

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

**Answer: B) Stop coolant flow**

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

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

**Answer: D) Muffler**

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

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

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

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

- A) Control the emission        B) Control the noise  
C) Control the fuel              D) Control the temperature  
consumption

**Answer: A) Control the emission**

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

- A) Through sprocket            B) Through crank pulley  
C) Through vibration damper    D) Through drilled oil  
passages

**Answer: D) Through drilled oil passages**

**52.** Which type of muffler is fitted with sensors and

microphone ?

A) Reverse flow type

B) Resonance type

C) Straight through type

D) Electronic type

**Answer: D) Electronic type**

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