

# ITI Quiz - 26-Apr-2026

## 07:14 PM

Q. ID: ITISKILL7490WI

April 2026

Answer Key

Duration: 21 Mins

Total Marks: 21

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

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

**Answer: C) Air filter**

2. Which is related to pneumatic system?

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

**Answer: A) Compressed air**

3. Which part connects the petrol engine inlet manifold?

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

**Answer: D) Carburetor**

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

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

**Answer: C) Excessive back pressure**

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

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

**Answer: A) Electronic type**

6. Which process is taken place in catalytic convertor?

- A) Biological
- B) Thermal
- C) Physical
- D) Chemical

**Answer: D) Chemical**

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

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

**Answer: B) Paper**

8. What is the purpose of the turbo charger?

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

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

9. How does a turbocharger get drive?

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

**Answer: B) By exhaust gas**

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

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

**Answer: D) Lead**

11. Where is the turbocharger mounted?

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

**Answer: A) Exhaust manifold**

12. Where the catalytic converters are used?

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

**Answer: A) Exhaust system**

13. What is the material of inlet manifold?

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

**Answer: D) Aluminium alloy**

14. What is the purpose of catalytic converter?

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

**Answer: A) Control the emission**

15. What is the purpose of the muffler in the exhaust system?

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

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

16. Where the exhaust system muffler is connected?

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

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

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

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

**Answer: D) Palladium and platinum**

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18. Which type of muffler is fitted with sensors and microphone ?

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

**Answer: C) Electronic type**

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19. Which component is related to exhaust system?

- A) Air filter
- B) Muffler

C) Injection pump

D) Carburetor

**Answer: B) Muffler**

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20. What is the material of exhaust manifold?

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

**Answer: A) Cast iron**

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21. Where the catalytic converter is fitted?

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

**Answer: D) Between exhaust pipe and muffler**

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