

# ITI Quiz - 30-Apr-2026

## 11:48 AM

Q. ID: ITISKILL7480ZK

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. What is the purpose of catalytic converter?

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

**Answer: B) Control the emission**

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

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

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

3. What is the purpose of the turbo charger?

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

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

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

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

**Answer: C) Paper**

5. Which process is taken place in catalytic convertor?

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

**Answer: D) Chemical**

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

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

**Answer: B) Palladium and platinum**

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

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

**Answer: A) Lead**

8. 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**

9. Which is related to pneumatic system?

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

**Answer: D) Compressed air**

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

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

**Answer: C) Excessive back pressure**

11. Which part connects the petrol engine inlet manifold?

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

**Answer: B) Carburetor**

12. How does a turbocharger get drive?

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

**Answer: C) By exhaust gas**

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

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

**Answer: B) Electronic type**

14. 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**

15. Where is the turbocharger mounted?

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

**Answer: D) Exhaust manifold**

16. Where the catalytic converters are used?

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

**Answer: C) Exhaust system**

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

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

**Answer: D) Aluminium alloy**

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

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

**Answer: B) Electronic type**

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**19.** Where the catalytic converter is fitted?

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

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

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**20.** What is the material of exhaust manifold?

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

**Answer: A) Cast iron**

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

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

**Answer: C) Muffler**

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