

# ITI Quiz - 28-Apr-2026

## 12:29 PM

Q. ID: ITISKILL3732TR

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

**Answer: B) Control the emission**

2. Which component is related to exhaust system?

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

**Answer: C) Muffler**

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

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

**Answer: B) Paper**

4. Where the exhaust system muffler is connected?

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

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

5. Which part connects the petrol engine inlet manifold?

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

**Answer: B) Carburetor**

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

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

**Answer: B) Electronic type**

7. 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**

8. What is the material of exhaust manifold?

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

**Answer: A) Cast iron**

9. Where the catalytic converter is fitted?

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

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

10. Which is related to pneumatic system?

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

**Answer: B) Compressed air**

11. What is the material of inlet manifold?

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

**Answer: A) Aluminium alloy**

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

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

**Answer: C) Palladium and platinum**

13. Where the catalytic converters are used?

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

**Answer: B) Exhaust system**

14. What is the purpose of the turbo charger?

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

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

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

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

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

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

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

**Answer: C) Excessive back pressure**

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

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

**Answer: C) By exhaust gas**

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

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

**Answer: C) Lead**

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

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

**Answer: A) Exhaust manifold**

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**20.** Which process is taken place in catalytic convertor?

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

**Answer: A) Chemical**

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

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

**Answer: D) Air filter**

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