

# ITI Quiz - 29-Apr-2026

## 12:34 PM

Q. ID: ITISKILL26847W

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Which component is related to exhaust system?

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

**Answer: A) Muffler**

2. Which process is taken place in catalytic convertor?

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

**Answer: D) Chemical**

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

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

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

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

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

**Answer: B) Lead**

5. What is the purpose of catalytic converter?

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

**Answer: D) Control the emission**

6. Where the exhaust system muffler is connected?

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

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

7. What is the material of exhaust manifold?

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

**Answer: D) Cast iron**

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

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

**Answer: A) Palladium and platinum**

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

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

**Answer: C) Air filter**

10. What is the purpose of the turbo charger?

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

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

11. How does a turbocharger get drive?

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

**Answer: D) By exhaust gas**

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

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

**Answer: A) Paper**

13. Which part connects the petrol engine inlet manifold?

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

**Answer: C) Carburetor**

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

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

**Answer: A) Electronic type**

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

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

**Answer: A) Electronic type**

16. Where the catalytic converters are used?

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

**Answer: D) Exhaust system**

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

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

**Answer: C) Aluminium alloy**

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

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

**Answer: B) Excessive back pressure**

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

- A) Electric
- B) Steam

C) Pressurized water

D) Compressed air

**Answer: D) Compressed air**

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

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

**Answer: C) Exhaust manifold**

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

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

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

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