

# ITI Quiz - 25-Apr-2026

## 07:22 PM

Q. ID: ITISKILL9715BK

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. What is the material of inlet manifold?

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

**Answer: A) Aluminium alloy**

2. Which component is related to exhaust system?

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

**Answer: B) Muffler**

3. Which process is taken place in catalytic convertor?

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

**Answer: C) Chemical**

4. Where the exhaust system muffler is connected?

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

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

5. 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**

6. Where the catalytic converter is fitted?

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

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

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

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

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

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

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

**Answer: C) Lead**

9. How does a turbocharger get drive?

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

**Answer: C) By exhaust gas**

10. What is the purpose of the turbo charger?

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

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

11. Where the catalytic converters are used?

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

**Answer: B) Exhaust system**

12. Which is related to pneumatic system?

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

**Answer: D) Compressed air**

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

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

**Answer: A) Air filter**

14. 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**

15. What is the material of exhaust manifold?

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

**Answer: C) Cast iron**

16. Where is the turbocharger mounted?

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

**Answer: D) Exhaust manifold**

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**17.** 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**

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

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

**Answer: B) Paper**

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**19.** Which part connects the petrol engine inlet manifold?

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

**Answer: B) Carburetor**

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

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

**Answer: D) Control the emission**

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

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

**Answer: B) Palladium and platinum**

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