

# ITI Quiz - 01-Apr-2026

## 07:01 PM

Q. ID: ITISKILL9874NR

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. How does a turbocharger get drive?

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

Answer: B) By exhaust gas

2. Which is related to pneumatic system?

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

Answer: A) Compressed air

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

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

Answer: C) Electronic type

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

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

Answer: C) Electronic type

5. Which part connects the petrol engine inlet manifold?

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

Answer: A) Carburetor

6. Which component is related to exhaust system?

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

Answer: A) Muffler

7. Which process is taken place in catalytic convertor?

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

Answer: B) Chemical

8. 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

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

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

Answer: A) Palladium and platinum

10. What is the purpose of catalytic converter?

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

Answer: C) Control the emission

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

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

Answer: B) Lead

12. 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

13. What is the material of inlet manifold?

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

Answer: C) Aluminium alloy

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

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

Answer: A) Paper

15. Where the catalytic converters are used?

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

Answer: B) Exhaust system

16. Where is the turbocharger mounted?

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

**Answer: D) Exhaust manifold**

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

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

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

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

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

**Answer: A) Air filter**

19. Where the catalytic converter is fitted?

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

C) Between tail pipe and resonator pipe

D) Between exhaust pipe and muffler

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

20. What is the material of exhaust manifold?

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

**Answer: C) Cast iron**

21. What is the purpose of the turbo charger?

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

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