

ITI Quiz - 01-May-2026

07:32 PM

Q. ID: ITISKILL3700HJ

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

Q.ID: ITISKILL3700HJ

1. Which process is taken place in catalytic convertor?

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

Answer: D) Chemical

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

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

Answer: B) Palladium and platinum

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

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

Answer: D) Electronic type

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 exhaust manifold
- D) Between exhaust pipe and tail pipe

Answer: D) Between exhaust pipe and tail pipe

5. What is the material of exhaust manifold?

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

Answer: D) Cast iron

6. Where the catalytic converters are used?

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

Answer: C) Exhaust system

7. Which part connects the petrol engine inlet manifold?

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

Answer: D) Carburetor

8. What is the purpose of catalytic converter?

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

Answer: D) Control the emission

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

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

Answer: C) Lead

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

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

Answer: D) To reduce the noise

11. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy

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

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

Answer: C) Electronic type

13. Which component is related to exhaust system?

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

Answer: B) Muffler

14. How does a turbocharger get drive?

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

Answer: B) By exhaust gas

15. Which is related to pneumatic system?

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

Answer: C) Compressed air

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

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

Answer: C) Paper

17. Where is the turbocharger mounted?

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

Answer: D) Exhaust manifold

18. Where the catalytic converter is fitted?

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

Answer: C) Between exhaust pipe and muffler

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

- A) Fuel filter
- B) Muffler

C) Air filter

D) Oil filter

Answer: C) Air filter

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

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

Answer: B) Excessive back pressure

21. 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
