

ITI Quiz - 20-Apr-2026

07:48 AM

Q. ID: ITISKILL451370

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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

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

Answer: C) Electronic type

2. Where the catalytic converter is fitted?

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

Answer: C) Between exhaust pipe and muffler

3. What is the purpose of the turbo charger?

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

Answer: A) Pump more air into the cylinder

4. Where the catalytic converters are used?

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

Answer: A) Exhaust system

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

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

Answer: C) Lead

6. Which component is related to exhaust system?

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

Answer: B) Muffler

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

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

Answer: C) Air filter

8. Which part connects the petrol engine inlet manifold?

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

Answer: A) Carburetor

9. Where is the turbocharger mounted?

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

Answer: D) Exhaust manifold

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

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

Answer: A) To reduce the noise

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

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

Answer: B) Electronic type

12. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy

13. Which process is taken place in catalytic convertor?

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

Answer: D) Chemical

14. How does a turbocharger get drive?

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

Answer: C) By exhaust gas

15. Where the exhaust system muffler is connected?

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

Answer: D) Between exhaust pipe and tail pipe

16. What is the purpose of catalytic converter?

- A) Control the noise
- B) Control the fuel consumption

C) Control the temperature D) Control the emission

Answer: D) Control the emission

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

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

Answer: B) Paper

18. Which is related to pneumatic system?

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

Answer: C) Compressed air

19. What is the reason to decrease the volumetric efficiency

in exhaust system?

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

Answer: C) Excessive back pressure

20. What is the material of exhaust manifold?

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

Answer: D) Cast iron

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

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

Answer: B) Palladium and platinum
