

ITI Quiz - 29-Apr-2026

07:22 PM

Q. ID: ITISKILL8404DG

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

Q.ID: ITISKILL8404DG

1. Which process is taken place in catalytic convertor?

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

Answer: C) Chemical

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

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

Answer: B) Electronic type

3. What is the material of inlet manifold?

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

Answer: D) Aluminium alloy

4. What is the purpose of the turbo charger?

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

Answer: A) Pump more air into the cylinder

5. Where the catalytic converters are used?

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

Answer: B) Exhaust system

6. What is the material of exhaust manifold?

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

Answer: D) Cast iron

7. What is the purpose of catalytic converter?

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

Answer: B) Control the emission

8. 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

9. Which component is related to exhaust system?

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

Answer: C) Muffler

10. 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

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

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

Answer: D) Lead

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

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

Answer: A) Palladium and platinum

13. Where is the turbocharger mounted?

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

Answer: B) Exhaust manifold

14. How does a turbocharger get drive?

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

Answer: D) By exhaust gas

15. Which part connects the petrol engine inlet manifold?

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

Answer: B) Carburetor

16. Which is related to pneumatic system?

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

Answer: B) Compressed air

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

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

Answer: D) Electronic type

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

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

Answer: C) Air filter

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

- A) Wire mesh
- B) Strainer

C) Paper

D) Cloth

Answer: C) Paper

20. 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

21. Where the catalytic converter is fitted?

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

Answer: C) Between exhaust pipe and muffler
