

ITI Quiz - 25-Apr-2026

07:06 PM

Q. ID: ITISKILL8689MR

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Where the catalytic converter is fitted?

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

Answer: A) Between exhaust pipe and muffler

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

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

Answer: C) To reduce the noise

3. 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

4. Where the catalytic converters are used?

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

Answer: C) Exhaust system

5. Which component is related to exhaust system?

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

Answer: B) Muffler

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

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

Answer: B) Paper

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

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

Answer: D) Lead

8. What is the material of inlet manifold?

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

Answer: D) Aluminium alloy

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

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

Answer: A) Electronic type

10. What is the material of exhaust manifold?

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

Answer: D) Cast iron

11. Which part connects the petrol engine inlet manifold?

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

Answer: D) Carburetor

12. What is the purpose of the turbo charger?

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

Answer: B) Pump more air into the cylinder

13. Which is related to pneumatic system?

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

Answer: A) Compressed air

14. How does a turbocharger get drive?

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

Answer: C) By exhaust gas

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

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

Answer: B) Palladium and platinum

16. Where is the turbocharger mounted?

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

Answer: C) Exhaust manifold

17. What is the purpose of catalytic converter?

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

Answer: B) Control the emission

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

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

Answer: B) Air filter

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

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

Answer: B) Electronic type

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

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

Answer: C) Excessive back pressure

21. Which process is taken place in catalytic convertor?

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

Answer: B) Chemical
