

ITI Quiz - 25-Apr-2026

07:18 PM

Q. ID: ITISKILL6890JK

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 20

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

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

Answer: C) Palladium and platinum

2. What is the purpose of catalytic converter?

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

Answer: D) Control the emission

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

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

Answer: B) Electronic type

4. Where is the turbocharger mounted?

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

Answer: A) Exhaust manifold

5. Which is related to pneumatic system?

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

Answer: A) Compressed air

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

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

Answer: A) Electronic type

7. What is the purpose of the turbo charger?

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

Answer: D) Pump more air into the cylinder

8. What is the material of exhaust manifold?

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

Answer: B) Cast iron

9. How does a turbocharger get drive?

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

Answer: A) By exhaust gas

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

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

Answer: A) Air filter

11. Where the catalytic converter is fitted?

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

Answer: B) Between exhaust pipe and muffler

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

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

Answer: A) To reduce the noise

13. Where the catalytic converters are used?

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

Answer: B) Exhaust system

14. Which part connects the petrol engine inlet manifold?

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

Answer: D) Carburetor

15. Which process is taken place in catalytic convertor?

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

Answer: B) Chemical

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

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

Answer: A) Excessive back pressure

17. Where the exhaust system muffler is connected?

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

Answer: C) Between exhaust pipe and tail pipe

18. Which component is related to exhaust system?

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

Answer: D) Muffler

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

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

Answer: A) Paper

20. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy
