

ITI Quiz - 02-May-2026

08:58 AM

Q. ID: ITISKILL8960CK

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Where the catalytic converter is fitted?

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

Answer: D) Between exhaust pipe and muffler

2. Where the catalytic converters are used?

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

Answer: A) Exhaust system

3. Which part connects the petrol engine inlet manifold?

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

Answer: C) Carburetor

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

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

Answer: B) Excessive back pressure

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

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

Answer: C) Palladium and platinum

6. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy

7. Where the exhaust system muffler is connected?

- A) Between exhaust pipe and exhaust manifold
B) Between tail 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

8. What is the material of exhaust manifold?

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

Answer: C) Cast iron

9. 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

10. How does a turbocharger get drive?

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

Answer: C) By exhaust gas

11. 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

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

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

Answer: D) Electronic type

13. Which component is related to exhaust system?

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

Answer: C) Muffler

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

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

Answer: A) Paper

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

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

Answer: D) Air filter

16. Which is related to pneumatic system?

- A) Pressurized water
B) Steam

C) Compressed air D) Electric

Answer: C) Compressed air

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

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

Answer: C) Electronic type

18. Where is the turbocharger mounted?

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

Answer: B) Exhaust manifold

19. Which metal in the fuel is to be avoided while fitting

catalytic convertor?

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

Answer: D) Lead

20. Which process is taken place in catalytic convertor?

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

Answer: D) Chemical

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

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

Answer: D) To reduce the noise
