

ITI Quiz - 02-May-2026

09:20 AM

Q. ID: ITISKILL2409MU

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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

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

Answer: A) Excessive back pressure

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

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

Answer: D) Electronic type

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

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

Answer: A) Paper

4. 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

5. 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

6. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy

7. Which part connects the petrol engine inlet manifold?

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

Answer: B) Carburetor

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

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

Answer: D) To reduce the noise

9. Where the catalytic converters are used?

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

Answer: D) Exhaust system

10. What is the purpose of catalytic converter?

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

Answer: B) Control the emission

11. Where the catalytic converter is fitted?

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

Answer: B) Between exhaust pipe and muffler

12. Which process is taken place in catalytic convertor?

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

Answer: B) Chemical

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

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

Answer: C) Palladium and platinum

14. Where is the turbocharger mounted?

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

Answer: A) Exhaust manifold

15. What is the purpose of the turbo charger?

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

Answer: C) Pump more air into the cylinder

16. What is the material of exhaust manifold?

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

Answer: A) Cast iron

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

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

Answer: C) Lead

18. Which is related to pneumatic system?

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

Answer: A) Compressed air

19. Which component is related to exhaust system?

- A) Carburetor
- B) Injection pump

C) Air filter

D) Muffler

Answer: D) Muffler

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

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

Answer: C) Electronic type

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

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

Answer: B) Air filter
