

ITI Quiz - 05-May-2026

06:35 AM

Q. ID: ITISKILL2452OU

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Where is the turbocharger mounted?

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

Answer: D) Exhaust manifold

2. Where the exhaust system muffler is connected?

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

Answer: D) Between exhaust pipe and tail pipe

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

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

Answer: B) Electronic type

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

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

Answer: B) Lead

5. What is the purpose of catalytic converter?

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

Answer: D) Control the emission

6. Which is related to pneumatic system?

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

Answer: B) Compressed air

7. Where the catalytic converters are used?

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

Answer: D) Exhaust system

8. What is the material of inlet manifold?

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

Answer: A) Aluminium alloy

9. 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

10. What is the purpose of the turbo charger?

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

Answer: D) Pump more air into the cylinder

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

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

Answer: A) Paper

12. What is the material of exhaust manifold?

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

Answer: B) Cast iron

13. Which component is related to exhaust system?

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

Answer: A) Muffler

14. Where the catalytic converter is fitted?

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

Answer: A) Between exhaust pipe and muffler

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

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

Answer: A) Air filter

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

- A) Palladium and platinum
- B) Zinc and molybdenum

C) Chromium and vanadium D) Asbestos and ceramics

Answer: A) Palladium and platinum

17. Which process is taken place in catalytic convertor?

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

Answer: C) Chemical

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

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

Answer: C) Electronic type

19. 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

20. How does a turbocharger get drive?

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

Answer: D) By exhaust gas

21. Which part connects the petrol engine inlet manifold?

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

Answer: B) Carburetor