

ITI Quiz - 23-Apr-2026

12:04 PM

Q. ID: ITISKILL6088ZH

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. What is the material of inlet manifold?

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

Answer: D) Aluminium alloy

2. Which is related to pneumatic system?

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

Answer: C) Compressed air

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

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

Answer: D) Lead

4. Which component is related to exhaust system?

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

Answer: B) Muffler

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

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

Answer: C) Electronic type

6. Where the catalytic converters are used?

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

Answer: B) Exhaust system

7. Which part connects the petrol engine inlet manifold?

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

Answer: A) Carburetor

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

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

Answer: D) Electronic type

9. What is the material of exhaust manifold?

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

Answer: B) Cast iron

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

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

Answer: D) Paper

11. Where the exhaust system muffler is connected?

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

Answer: D) Between exhaust pipe and tail pipe

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

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

Answer: C) Air filter

13. What is the purpose of catalytic converter?

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

Answer: C) Control the emission

14. How does a turbocharger get drive?

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

Answer: D) By exhaust gas

15. 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

16. What is the purpose of the turbo charger?

- A) Filter the exhaust gas
- B) Scavenging

- C) Pump more air into the cylinder
D) Save power

Answer: C) Pump more air into the cylinder

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

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

Answer: C) To reduce the noise

18. Which process is taken place in catalytic convertor?

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

Answer: B) Chemical

19. Where is the turbocharger mounted?

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

Answer: C) Exhaust manifold

20. Where the catalytic converter is fitted?

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

Answer: A) Between exhaust pipe and muffler

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

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

Answer: D) Palladium and platinum