

ITI Quiz - 23-Apr-2026

11:39 AM

Q. ID: ITISKILL36658P

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Which process is taken place in catalytic convertor?

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

Answer: B) Chemical

2. What is the purpose of the turbo charger?

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

Answer: C) Pump more air into the cylinder

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

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

Answer: A) Lead

4. Which part connects the petrol engine inlet manifold?

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

Answer: A) Carburetor

5. Where is the turbocharger mounted?

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

Answer: C) Exhaust manifold

6. Which is related to pneumatic system?

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

Answer: C) Compressed air

7. 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

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

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

Answer: A) Electronic type

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

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

Answer: B) Air filter

10. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy

11. What is the purpose of catalytic converter?

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

Answer: C) Control the emission

12. 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

13. How does a turbocharger get drive?

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

Answer: A) By exhaust gas

14. Where the catalytic converters are used?

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

Answer: B) Exhaust system

15. Where the exhaust system muffler is connected?

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

Answer: C) Between exhaust pipe and tail pipe

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

- A) Cloth
- B) Paper

C) Wire mesh

D) Strainer

Answer: B) Paper

17. What is the material of exhaust manifold?

A) Steel alloy

B) Brass

C) Cast iron

D) Bronze

Answer: C) Cast iron

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

A) To filter the exhaust gases

B) To reduce the heat

C) To reduce the noise

D) To reduce the vibration

Answer: C) To reduce the noise

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

A) Excessive back pressure

B) Low noise

C) High temperature

D) Low temperature

Answer: A) Excessive back pressure

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

A) Asbestos and ceramics

B) Chromium and vanadium

C) Palladium and platinum

D) Zinc and molybdenum

Answer: C) Palladium and platinum

21. Which component is related to exhaust system?

A) Muffler

B) Injection pump

C) Carburetor

D) Air filter

Answer: A) Muffler
