

ITI Quiz - 25-Apr-2026

07:14 PM

Q. ID: ITISKILL6064SP

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. How does a turbocharger get drive?

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

Answer: B) By exhaust gas

2. Where the catalytic converters are used?

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

Answer: D) Exhaust system

3. Where the catalytic converter is fitted?

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

Answer: D) Between exhaust pipe and muffler

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

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

Answer: D) Paper

5. Which part connects the petrol engine inlet manifold?

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

Answer: A) Carburetor

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

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

Answer: A) Electronic type

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

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

Answer: A) Excessive back pressure

8. 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

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

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

Answer: B) Lead

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

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

Answer: D) Palladium and platinum

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

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

Answer: C) Electronic type

12. Which component is related to exhaust system?

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

Answer: A) Muffler

13. Which process is taken place in catalytic convertor?

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

Answer: A) Chemical

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

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

Answer: B) To reduce the noise

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

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

Answer: A) Air filter

16. What is the purpose of catalytic converter?

- A) Control the emission
- B) Control the noise

- C) Control the fuel consumption D) Control the temperature

Answer: A) Control the emission

17. What is the material of inlet manifold?

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

Answer: A) Aluminium alloy

18. Which is related to pneumatic system?

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

Answer: A) Compressed air

19. What is the purpose of the turbo charger?

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

Answer: C) Pump more air into the cylinder

20. What is the material of exhaust manifold?

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

Answer: B) Cast iron

21. Where is the turbocharger mounted?

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

Answer: B) Exhaust manifold
