

ITI Quiz - 25-Apr-2026

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Q. ID: ITISKILL4900ZK

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 20

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1. 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

2. Which component is related to exhaust system?

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

Answer: D) Muffler

3. Which is related to pneumatic system?

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

Answer: D) Compressed air

4. What is the purpose of the turbo charger?

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

Answer: A) Pump more air into the cylinder

5. Where the catalytic converter is fitted?

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

Answer: B) Between exhaust pipe and muffler

6. 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

7. Where the exhaust system muffler is connected?

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

Answer: D) Between exhaust pipe and tail pipe

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

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

Answer: D) Excessive back pressure

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

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

Answer: A) Palladium and platinum

10. What is the material of inlet manifold?

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

Answer: A) Aluminium alloy

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

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

Answer: D) Electronic type

12. How does a turbocharger get drive?

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

Answer: D) By exhaust gas

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

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

Answer: C) Paper

14. Which part connects the petrol engine inlet manifold?

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

Answer: C) Carburetor

15. What is the material of exhaust manifold?

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

Answer: C) Cast iron

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

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

Answer: A) To reduce the noise

17. Which process is taken place in catalytic convertor?

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

Answer: C) Chemical

18. Where is the turbocharger mounted?

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

Answer: C) Exhaust manifold

19. Where the catalytic converters are used?

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

Answer: B) Exhaust system

20. 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