

ITI Quiz - 30-Apr-2026

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Q. ID: ITISKILL66661D

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Which process is taken place in catalytic convertor?

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

Answer: A) Chemical

2. What is the material of exhaust manifold?

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

Answer: C) Cast iron

3. Where is the turbocharger mounted?

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

Answer: A) Exhaust manifold

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

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

Answer: D) Lead

5. What is the purpose of the turbo charger?

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

Answer: C) Pump more air into the cylinder

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

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

Answer: B) Excessive back pressure

7. 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

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

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

Answer: B) Paper

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

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

Answer: B) To reduce the noise

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

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

Answer: B) Air filter

11. Which part connects the petrol engine inlet manifold?

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

Answer: B) Carburetor

12. Where the catalytic converters are used?

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

Answer: C) Exhaust system

13. 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

14. How does a turbocharger get drive?

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

Answer: C) By exhaust gas

15. Which component is related to exhaust system?

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

Answer: B) Muffler

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

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

Answer: B) Electronic type

17. Which is related to pneumatic system?

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

Answer: A) Compressed air

18. 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

19. Where the exhaust system muffler is connected?

- A) Between exhaust pipe and tail pipe
- B) Between exhaust pipe and exhaust manifold

C) Between tail pipe and exhaust manifold

D) Between engine head and exhaust manifold

Answer: A) Between exhaust pipe and tail pipe

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

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

Answer: A) Electronic type

21. What is the material of inlet manifold?

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

Answer: C) Aluminium alloy
