

ITI Quiz - 29-Apr-2026

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Q. ID: ITISKILL9913TX

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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

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

Answer: C) Electronic type

2. What is the purpose of catalytic converter?

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

Answer: D) Control the emission

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

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

Answer: D) Lead

4. Where is the turbocharger mounted?

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

Answer: D) Exhaust manifold

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

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

Answer: B) Paper

6. What is the material of inlet manifold?

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

Answer: C) Aluminium alloy

7. What is the purpose of the turbo charger?

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

Answer: B) Pump more air into the cylinder

8. 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

9. Which process is taken place in catalytic converter?

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

Answer: B) Chemical

10. Which component is related to exhaust system?

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

Answer: C) Muffler

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

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

Answer: A) To reduce the noise

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

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

Answer: A) Excessive back pressure

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

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

Answer: B) Palladium and platinum

14. What is the material of exhaust manifold?

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

Answer: C) Cast iron

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 is related to pneumatic system?

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

Answer: D) Compressed air

17. Where the catalytic converters are used?

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

Answer: C) Exhaust system

18. How does a turbocharger get drive?

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

Answer: A) By exhaust gas

19. Which part connects the petrol engine inlet manifold?

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

Answer: A) Carburetor

20. Where the catalytic converter is fitted?

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

Answer: A) Between exhaust pipe and muffler

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

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

Answer: A) Air filter
