

ITI Quiz - 21-Apr-2026

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Q. ID: ITISKILL1574RV

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

Answer: C) Electronic type

2. Which component is related to exhaust system?

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

Answer: D) Muffler

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

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

Answer: D) Paper

4. What is the purpose of the turbo charger?

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

Answer: B) Pump more air into the cylinder

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

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

Answer: A) To reduce the noise

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

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

Answer: A) Lead

7. What is the material of exhaust manifold?

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

Answer: D) Cast iron

8. Where the catalytic converter is fitted?

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

Answer: A) Between exhaust pipe and muffler

9. Which is related to pneumatic system?

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

Answer: A) Compressed air

10. Which process is taken place in catalytic convertor?

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

Answer: A) Chemical

11. 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

12. Where the catalytic converters are used?

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

Answer: C) Exhaust system

13. Where is the turbocharger mounted?

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

Answer: B) Exhaust manifold

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

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

Answer: B) Electronic type

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

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

Answer: C) Air filter

16. How does a turbocharger get drive?

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

Answer: D) By exhaust gas

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

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

Answer: C) Palladium and platinum

18. 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

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

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

Answer: C) Excessive back pressure

20. Which part connects the petrol engine inlet manifold?

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

Answer: D) Carburetor

21. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy
