

ITI Quiz - 26-Apr-2026

07:17 PM

Q. ID: ITISKILL4178TO

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. What is the purpose of the turbo charger?

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

Answer: D) Pump more air into the cylinder

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

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

Answer: A) Electronic type

3. 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

4. Which part connects the petrol engine inlet manifold?

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

Answer: D) Carburetor

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

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

Answer: A) Palladium and platinum

6. 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

7. What is the purpose of catalytic converter?

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

Answer: D) Control the emission

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

- A) Lead
- B) Tin

C) Phosphorus

D) Chromium

Answer: A) Lead

9. How does a turbocharger get drive?

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

Answer: A) By exhaust gas

10. Where the exhaust system muffler is connected?

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

Answer: D) Between exhaust pipe and tail pipe

11. Which process is taken place in catalytic convertor?

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

Answer: B) Chemical

12. Where is the turbocharger mounted?

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

Answer: A) Exhaust manifold

13. Which component is related to exhaust system?

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

Answer: A) Muffler

14. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy

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

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

Answer: A) Excessive back pressure

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

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

Answer: B) Electronic type

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

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

Answer: A) Paper

18. Where the catalytic converters are used?

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

Answer: D) Exhaust system

19. What is the material of exhaust manifold?

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

Answer: C) Cast iron

20. Which is related to pneumatic system?

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

Answer: C) Compressed air

21. 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
