

ITI Quiz - 01-Jun-2026

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Q. ID: ITISKILL2643WF

June 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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

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

Answer: B) Lead

2. Where the catalytic converter is fitted?

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

Answer: D) Between exhaust pipe and muffler

3. How does a turbocharger get drive?

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

Answer: A) By exhaust gas

4. Where the exhaust system muffler is connected?

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

Answer: C) Between exhaust pipe and tail pipe

5. Which part connects the petrol engine inlet manifold?

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

Answer: A) Carburetor

6. Where is the turbocharger mounted?

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

Answer: B) Exhaust manifold

7. Where the catalytic converters are used?

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

Answer: A) Exhaust system

8. Which component is related to exhaust system?

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

Answer: A) Muffler

9. Which process is taken place in catalytic convertor?

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

Answer: A) Chemical

10. 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

11. What is the material of exhaust manifold?

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

Answer: D) Cast iron

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

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

Answer: C) Electronic type

13. 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

14. What is the material of inlet manifold?

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

Answer: D) Aluminium alloy

15. Which is related to pneumatic system?

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

Answer: A) Compressed air

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

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

Answer: D) To reduce the noise

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

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

Answer: C) Paper

18. What is the purpose of catalytic converter?

- A) Control the emission
- B) Control the fuel consumption
- C) Control the noise
- 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 one of the following acts as a flame arrester during engine back fire?

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

Answer: A) Air filter

21. What is the purpose of the turbo charger?

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

Answer: D) Pump more air into the cylinder