

ITI Quiz - 26-Apr-2026

07:25 PM

Q. ID: ITISKILL79217R

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Which is related to pneumatic system?

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

Answer: D) Compressed air

2. Where is the turbocharger mounted?

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

Answer: B) Exhaust manifold

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

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

Answer: A) Lead

4. Which component is related to exhaust system?

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

Answer: A) Muffler

5. How does a turbocharger get drive?

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

Answer: D) By exhaust gas

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

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

Answer: C) Air filter

7. 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

8. What is the purpose of the turbo charger?

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

Answer: B) Pump more air into the cylinder

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

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

Answer: C) Electronic type

10. Where the catalytic converter is fitted?

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

Answer: B) Between exhaust pipe and muffler

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

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

Answer: C) Paper

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

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

Answer: C) Palladium and platinum

13. Which process is taken place in catalytic convertor?

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

Answer: A) Chemical

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

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

Answer: C) To reduce the noise

15. What is the material of exhaust manifold?

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

Answer: B) Cast iron

16. Which part connects the petrol engine inlet manifold?

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

Answer: A) Carburetor

17. Where the catalytic converters are used?

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

Answer: A) Exhaust system

18. Where the exhaust system muffler is connected?

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

Answer: D) Between exhaust pipe and tail pipe

19. What is the material of inlet manifold?

- A) Stainless steel
- B) Brass

- C) Aluminium alloy
- D) Bronze

Answer: C) Aluminium alloy

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

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

Answer: C) Excessive back pressure

21. 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
