

ITI Quiz - 28-Apr-2026

12:21 PM

Q. ID: ITISKILL1785DR

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Which part connects the petrol engine inlet manifold?

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

Answer: D) Carburetor

2. Which component is related to exhaust system?

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

Answer: C) Muffler

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

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

Answer: B) Palladium and platinum

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

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

Answer: A) Excessive back pressure

5. Which process is taken place in catalytic convertor?

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

Answer: D) Chemical

6. Where is the turbocharger mounted?

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

Answer: A) Exhaust manifold

7. 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

8. What is the material of exhaust manifold?

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

Answer: A) Cast iron

9. What is the material of inlet manifold?

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

Answer: D) Aluminium alloy

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

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

Answer: C) To reduce the noise

11. 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

12. What is the purpose of catalytic converter?

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

Answer: C) Control the emission

13. Which is related to pneumatic system?

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

Answer: A) Compressed air

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

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

Answer: B) Lead

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

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

Answer: A) Air filter

16. Where the catalytic converters are used?

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

Answer: D) Exhaust system

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

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

Answer: B) Paper

18. How does a turbocharger get drive?

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

Answer: B) By exhaust gas

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

- A) Resonance type
- B) Reverse flow type

C) Electronic type

D) Straight through type

Answer: C) Electronic type

20. Where the exhaust system muffler is connected?

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

Answer: B) Between exhaust pipe and tail pipe

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

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

Answer: D) Electronic type
