

ITI Quiz - 29-Apr-2026

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Q. ID: ITISKILL0771CP

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

Answer: A) Electronic type

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

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

Answer: D) Excessive back pressure

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

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

Answer: B) Air filter

4. Where the catalytic converter is fitted?

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

Answer: B) Between exhaust pipe and muffler

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

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

Answer: B) Electronic type

6. Which part connects the petrol engine inlet manifold?

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

Answer: C) Carburetor

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

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

Answer: D) Paper

8. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy

9. How does a turbocharger get drive?

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

Answer: C) By exhaust gas

10. Where is the turbocharger mounted?

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

Answer: B) Exhaust manifold

11. What is the material of exhaust manifold?

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

Answer: D) Cast iron

12. Where the catalytic converters are used?

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

Answer: C) Exhaust system

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

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

Answer: B) To reduce the noise

14. Where the exhaust system muffler is connected?

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

Answer: C) Between exhaust pipe and tail pipe

15. What is the purpose of catalytic converter?

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

Answer: B) Control the emission

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

- A) Phosphorus
- B) Lead

C) Tin

D) Chromium

Answer: B) Lead

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

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

Answer: C) Palladium and platinum

18. Which component is related to exhaust system?

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

Answer: C) Muffler

19. 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

20. Which process is taken place in catalytic convertor?

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

Answer: A) Chemical

21. Which is related to pneumatic system?

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

Answer: D) Compressed air
