

ITI Quiz - 01-Apr-2026

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Q. ID: ITISKILL9899AC

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) Compressed air
- D) Pressurized water

Answer: C) Compressed air

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

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

Answer: B) Air filter

3. Which process is taken place in catalytic convertor?

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

Answer: C) Chemical

4. Where the exhaust system muffler is connected?

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

Answer: D) Between exhaust pipe and tail pipe

5. 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

6. What is the purpose of catalytic converter?

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

Answer: D) Control the emission

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

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

Answer: C) Excessive back pressure

8. Where the catalytic converters are used?

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

Answer: B) Exhaust system

9. What is the material of inlet manifold?

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

Answer: D) Aluminium alloy

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

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

Answer: C) To reduce the noise

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

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

Answer: D) Lead

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

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

Answer: B) Paper

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

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

Answer: A) Electronic type

14. Where the catalytic converter is fitted?

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

Answer: C) Between exhaust pipe and muffler

15. Which part connects the petrol engine inlet manifold?

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

Answer: B) Carburetor

16. Where is the turbocharger mounted?

- A) Inlet manifold
- B) Cylinder head

C) Exhaust manifold D) Air filter

Answer: C) Exhaust manifold

17. Which component is related to exhaust system?

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

Answer: A) Muffler

18. What is the purpose of the turbo charger?

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

Answer: C) Pump more air into the cylinder

19. Which are the materials commonly used in the catalytic

converter?

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

Answer: D) Palladium and platinum

20. How does a turbocharger get drive?

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

Answer: A) By exhaust gas

21. What is the material of exhaust manifold?

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

Answer: D) Cast iron