

ITI Quiz - 02-Apr-2026

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Q. ID: ITISKILL7538X5

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. What is the material of inlet manifold?

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

Answer: D) Aluminium alloy

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

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

Answer: A) Electronic type

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

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

Answer: B) Excessive back pressure

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

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

Answer: D) Palladium and platinum

5. How does a turbocharger get drive?

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

Answer: C) By exhaust gas

6. What is the purpose of catalytic converter?

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

Answer: C) Control the emission

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

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

Answer: D) To reduce the noise

8. Which process is taken place in catalytic convertor?

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

Answer: A) Chemical

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

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

Answer: A) Lead

10. Which component is related to exhaust system?

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

Answer: B) Muffler

11. Where the catalytic converters are used?

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

Answer: B) Exhaust system

12. Where the catalytic converter is fitted?

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

Answer: D) Between exhaust pipe and muffler

13. Which is related to pneumatic system?

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

Answer: B) Compressed air

14. Where the exhaust system muffler is connected?

- A) Between exhaust pipe and exhaust manifold
- B) Between tail 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

15. Which part connects the petrol engine inlet manifold?

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

Answer: A) Carburetor

16. What is the material of exhaust manifold?

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

Answer: C) Cast iron

17. Where is the turbocharger mounted?

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

Answer: A) Exhaust manifold

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

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

Answer: D) Air filter

19. What is the purpose of the turbo charger?

- A) Pump more air into the cylinder
- B) Scavenging

- C) Filter the exhaust gas
- D) Save power

Answer: A) Pump more air into the cylinder

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

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

Answer: D) Paper

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

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

Answer: B) Electronic type
