

ITI Quiz - 02-Apr-2026

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Q. ID: ITISKILL110693

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. 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

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

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

Answer: D) Excessive back pressure

3. What is the material of exhaust manifold?

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

Answer: B) Cast iron

4. What is the material of inlet manifold?

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

Answer: D) Aluminium alloy

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

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

Answer: D) Lead

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

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

Answer: B) Electronic type

7. 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

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

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

Answer: D) Electronic type

9. Which component is related to exhaust system?

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

Answer: B) Muffler

10. Where is the turbocharger mounted?

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

Answer: C) Exhaust manifold

11. Where the catalytic converters are used?

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

Answer: D) Exhaust system

12. Which is related to pneumatic system?

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

Answer: D) Compressed air

13. Which part connects the petrol engine inlet manifold?

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

Answer: C) Carburetor

14. Where the exhaust system muffler is connected?

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

Answer: B) Between exhaust pipe and tail pipe

15. 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

16. 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

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

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

Answer: B) Air filter

18. Which process is taken place in catalytic convertor?

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

Answer: A) Chemical

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

- A) Chromium and vanadium
- B) Asbestos and ceramics

- C) Zinc and molybdenum
- D) Palladium and platinum

Answer: D) Palladium and platinum

20. Where the catalytic converter is fitted?

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

Answer: A) Between exhaust pipe and muffler

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

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

Answer: C) Paper
