

ITI Quiz - 25-Apr-2026

07:21 PM

Q. ID: ITISKILL8364HZ

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

Q.ID: ITISKILL8364HZ

1. What is the material of exhaust manifold?

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

Answer: B) Cast iron

2. 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

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

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

Answer: A) Electronic type

4. Which component is related to exhaust system?

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

Answer: A) Muffler

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

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

Answer: D) Lead

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

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

Answer: C) Air filter

7. Where the catalytic converters are used?

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

Answer: B) Exhaust system

8. Which part connects the petrol engine inlet manifold?

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

Answer: B) Carburetor

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

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

Answer: C) Palladium and platinum

10. Which process is taken place in catalytic convertor?

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

Answer: D) Chemical

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

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

Answer: C) To reduce the noise

12. What is the material of inlet manifold?

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

Answer: B) Aluminium alloy

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

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

Answer: D) Paper

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

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

Answer: C) Excessive back pressure

15. What is the purpose of catalytic converter?

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

Answer: C) Control the emission

16. How does a turbocharger get drive?

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

Answer: D) By exhaust gas

17. Which is related to pneumatic system?

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

Answer: A) Compressed air

18. Where is the turbocharger mounted?

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

Answer: D) Exhaust manifold

19. Where the catalytic converter is fitted?

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

C) Between tail pipe and resonator pipe

D) Between exhaust pipe and muffler

Answer: D) Between exhaust pipe and muffler

20. 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

21. 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
