

ITI Quiz - 09-Apr-2026

06:19 PM

Q. ID: ITISKILL1643WT

April 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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1. Which part connects the petrol engine inlet manifold?

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

Answer: C) Carburetor

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

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

Answer: D) Electronic type

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

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

Answer: C) Air filter

4. Which is related to pneumatic system?

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

Answer: D) Compressed air

5. 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

6. Where is the turbocharger mounted?

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

Answer: C) Exhaust manifold

7. Which component is related to exhaust system?

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

Answer: B) Muffler

8. What is the purpose of the turbo charger?

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

Answer: D) Pump more air into the cylinder

9. 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

10. 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

11. Where the catalytic converter is fitted?

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

Answer: D) Between exhaust pipe and muffler

12. How does a turbocharger get drive?

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

Answer: B) By exhaust gas

13. Which process is taken place in catalytic convertor?

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

Answer: D) Chemical

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

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

Answer: A) Lead

15. 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

16. What is the material of inlet manifold?

- A) Aluminium alloy
- B) Brass

C) Stainless steel D) Bronze

Answer: A) Aluminium alloy

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

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

Answer: D) Paper

18. Where the catalytic converters are used?

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

Answer: B) Exhaust system

19. What is the purpose of catalytic converter?

A) Control the noise B) Control the emission

C) Control the temperature D) Control the fuel consumption

Answer: B) Control the emission

20. What is the material of exhaust manifold?

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

Answer: C) Cast iron

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

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

Answer: C) To reduce the noise
