

ITI Quiz - 02-May-2026

08:48 AM

Q. ID: ITISKILL0309YG

May 2026

Answer Key

Duration: 30 Mins

Total Marks: 21

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

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

Answer: D) Paper

2. Which component is related to exhaust system?

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

Answer: D) Muffler

3. What is the material of exhaust manifold?

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

Answer: B) Cast iron

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

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

Answer: B) Lead

5. Where the exhaust system muffler is connected?

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

Answer: B) Between exhaust pipe and tail pipe

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

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

Answer: D) Excessive back pressure

7. Which part connects the petrol engine inlet manifold?

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

Answer: B) Carburetor

8. Where the catalytic converters are used?

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

Answer: D) Exhaust system

9. How does a turbocharger get drive?

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

Answer: B) By exhaust gas

10. What is the material of inlet manifold?

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

Answer: C) Aluminium alloy

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

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

Answer: C) Electronic type

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

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

Answer: D) Electronic type

13. Where is the turbocharger mounted?

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

Answer: A) Exhaust manifold

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

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

Answer: C) Palladium and platinum

15. What is the purpose of the turbo charger?

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

Answer: B) Pump more air into the cylinder

16. What is the purpose of catalytic converter?

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

Answer: D) Control the emission

17. Which is related to pneumatic system?

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

Answer: B) Compressed air

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

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

Answer: B) To reduce the noise

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

- A) Air filter
- B) Muffler

C) Oil filter

D) Fuel filter

Answer: A) Air filter

20. 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

21. Which process is taken place in catalytic convertor?

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

Answer: D) Chemical
