

ITI Quiz - 26-Apr-2026

07:25 PM

Q. ID: ITISKILL79217R

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL79217R

Student Name: _____ Roll No: _____

1. What is the purpose of catalytic converter?

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

2. 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

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

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

4. Which component is related to exhaust system?

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

5. 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

6. Where is the turbocharger mounted?

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

7. How does a turbocharger get drive?

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

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

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

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

- A) Chromium
- B) Tin

C) Phosphorus

D) Lead

10. Where the catalytic converter is fitted?

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

11. Where the catalytic converters are used?

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

12. Which process is taken place in catalytic convertor?

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

13. 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

14. What is the material of exhaust manifold?

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

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

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

16. What is the material of inlet manifold?

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

17. 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

18. Which one of the following acts as a flame arrester during

engine back fire?

- A) Fuel filter
 - B) Muffler
 - C) Oil filter
 - D) Air filter
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19. Which is related to pneumatic system?

- A) Pressurized water
 - B) Steam
 - C) Electric
 - D) Compressed air
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20. Which type of filter element is fitted in dry type air cleaner?

- A) Wire mesh
 - B) Paper
 - C) Cloth
 - D) Strainer
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21. Which part connects the petrol engine inlet manifold?

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