

ITI Quiz - 02-May-2026

09:20 AM

Q. ID: ITISKILL2409MU

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL2409MU

Student Name: _____ Roll No: _____

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

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

2. Where the exhaust system muffler is connected?

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

3. Which part connects the petrol engine inlet manifold?

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

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

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

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

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

6. What is the material of inlet manifold?

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

7. 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

8. What is the purpose of the turbo charger?

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

9. Where is the turbocharger mounted?

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

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

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

11. What is the purpose of catalytic converter?

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

12. Which component is related to exhaust system?

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

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

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

14. Where the catalytic converters are used?

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

15. Which process is taken place in catalytic convertor?

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

16. 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

17. Which is related to pneumatic system?

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

18. Where the catalytic converter is fitted?

- A) Between exhaust pipe and muffler
B) Between tail pipe and resonator pipe
C) Between engine head and exhaust manifold
D) Between muffler and tail pipe
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19. How does a turbocharger get drive?

- A) By belt
B) By exhaust gas
C) By inlet gas
D) By gear
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20. What is the material of exhaust manifold?

- A) Bronze
B) Steel alloy
C) Cast iron
D) Brass
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21. Which are the materials commonly used in the catalytic converter?

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