

ITI Quiz - 20-Apr-2026

07:48 AM

Q. ID: ITISKILL451370

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL451370

Student Name: _____ Roll No: _____

1. What is the material of exhaust manifold?

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

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

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

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

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

4. Which is related to pneumatic system?

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

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

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

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

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

7. How does a turbocharger get drive?

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

8. What is the material of inlet manifold?

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

9. Which part connects the petrol engine inlet manifold?

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

10. Where the exhaust system muffler is connected?

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

11. What is the purpose of the turbo charger?

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

12. 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

13. 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

14. Where is the turbocharger mounted?

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

15. 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

16. Which process is taken place in catalytic convertor?

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

17. Where the catalytic converter is fitted?

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

18. What is the purpose of catalytic converter?

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|---------------------------------|----------------------------|
| A) Control the emission | B) Control the temperature |
| C) Control the fuel consumption | D) Control the noise |
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19. Which component is related to exhaust system?

- | | |
|---------------|-------------------|
| A) Muffler | B) Injection pump |
| C) Carburetor | D) Air filter |
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20. What is the reason to decrease the volumetric efficiency in exhaust system?

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|---------------------|----------------------------|
| A) Low noise | B) Low temperature |
| C) High temperature | D) Excessive back pressure |
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21. Where the catalytic converters are used?

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