

ITI Quiz - 29-Apr-2026

07:22 PM

Q. ID: ITISKILL8404DG

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Which component is related to exhaust system?

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

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

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

3. Where the catalytic converter is fitted?

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

4. 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

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

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

6. What is the purpose of catalytic converter?

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

7. Which process is taken place in catalytic convertor?

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

8. Which part connects the petrol engine inlet manifold?

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

9. Where the catalytic converters are used?

- A) Exhaust system B) Lubrication system

- C) Fuel system D) Inlet system

10. Which is related to pneumatic system?

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

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

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

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

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

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

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

14. How does a turbocharger get drive?

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

15. 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

16. What is the purpose of the turbo charger?

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

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

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

18. Where is the turbocharger mounted?

- A) Air filter
- C) Inlet manifold

- B) Exhaust manifold
- D) Cylinder head

19. Where the exhaust system muffler is connected?

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

20. What is the material of inlet manifold?

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

21. What is the material of exhaust manifold?

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