

ITI Quiz - 28-Apr-2026

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Q. ID: ITISKILL0940VE

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

ID: ITISKILL0940VE

Student Name: _____ Roll No: _____

1. Which is related to pneumatic system?

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

2. Where the catalytic converters are used?

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

3. Which part connects the petrol engine inlet manifold?

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

4. What is the purpose of the turbo charger?

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

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

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

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

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

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

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

8. What is the material of exhaust manifold?

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

9. Where the exhaust system muffler is connected?

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

10. Where is the turbocharger mounted?

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

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

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

12. Which process is taken place in catalytic convertor?

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

13. Where the catalytic converter is fitted?

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

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

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

15. How does a turbocharger get drive?

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

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

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

17. What is the material of inlet manifold?

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

18. What is the purpose of catalytic converter?

- A) Control the temperature
- B) Control the noise

C) Control the emission

D) Control the fuel consumption

A) Injection pump

B) Carburetor

C) Air filter

D) Muffler

19. 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

20. Which component is related to exhaust system?

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

A) Excessive back pressure B) Low noise

C) Low temperature D) High temperature