

ITI Quiz - 26-Apr-2026

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Q. ID: ITISKILL0325PT

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Where is the turbocharger mounted?

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

2. Which is related to pneumatic system?

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

3. What is the purpose of the turbo charger?

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

4. Which process is taken place in catalytic convertor?

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

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

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

6. Which component is related to exhaust system?

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

7. What is the material of inlet manifold?

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

8. Where the catalytic converter is fitted?

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

9. 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 noise
- D) To reduce the heat

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

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

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

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

12. Where the exhaust system muffler is connected?

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

13. Where the catalytic converters are used?

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

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

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

15. What is the purpose of catalytic converter?

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

16. How does a turbocharger get drive?

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

17. Which part connects the petrol engine inlet manifold?

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

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

- A) Strainer
- C) Paper

- B) Cloth
- D) Wire mesh

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

- A) Muffler
- C) Fuel filter

- B) Air filter
- D) Oil filter

20. What is the material of exhaust manifold?

- A) Cast iron
- C) Steel alloy

- B) Bronze
- D) Brass

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

- A) Straight through type
- C) Resonance type

- B) Reverse flow type
- D) Electronic type