

ITI Quiz - 05-May-2026

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Q. ID: ITISKILL3407SA

May 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. How does a turbocharger get drive?

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

2. What is the material of inlet manifold?

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

3. What is the purpose of catalytic converter?

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

4. 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

5. Which process is taken place in catalytic convertor?

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

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

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

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

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

8. Which part connects the petrol engine inlet manifold?

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

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

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

10. Where is the turbocharger mounted?

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

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

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

12. Which component is related to exhaust system?

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

13. What is the material of exhaust manifold?

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

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

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

15. Where the catalytic converters are used?

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

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 filter element is fitted in dry type air cleaner?

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

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

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

19. Where the exhaust system muffler is connected?

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

20. Where the catalytic converter is fitted?

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

21. Which is related to pneumatic system?

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