

ITI Quiz - 28-Apr-2026

12:50 PM

Q. ID: ITISKILL2155KM

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. What is the purpose of the turbo charger?

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

C) Paper

D) Strainer

2. What is the purpose of catalytic converter?

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

10. Which is related to pneumatic system?

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

3. How does a turbocharger get drive?

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

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

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

4. What is the material of exhaust manifold?

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

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

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

5. Where the catalytic converter is fitted?

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

13. 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 are the materials commonly used in the catalytic converter?

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

14. Which part connects the petrol engine inlet manifold?

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

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

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

15. Where is the turbocharger mounted?

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

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

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

16. Which process is taken place in catalytic convertor?

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

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

- A) Wire mesh
- B) Cloth

17. Where the exhaust system muffler is connected?

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

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

catalytic convertor?

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

19. Where the catalytic converters are used?

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

20. Which component is related to exhaust system?

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

21. What is the material of inlet manifold?

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