

ITI Quiz - 22-Apr-2026

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Q. ID: ITISKILL7351AP

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. 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

2. What is the purpose of the turbo charger?

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

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

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

4. Where is the turbocharger mounted?

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

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

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

6. What is the material of exhaust manifold?

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

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

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

8. Which is related to pneumatic system?

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

9. What is the material of inlet manifold?

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

10. Where the catalytic converter is fitted?

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

11. Which process is taken place in catalytic convertor?

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

12. Where the catalytic converters are used?

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

13. What is the purpose of catalytic converter?

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

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

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

15. Which part connects the petrol engine inlet manifold?

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

16. 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

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

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

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

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

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

19. How does a turbocharger get drive?

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

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

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

20. Which component is related to exhaust system?