

ITI Quiz - 01-Jun-2026

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Q. ID: ITISKILL2643WF

June 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Where the catalytic converters are used?

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

2. How does a turbocharger get drive?

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

3. What is the material of inlet manifold?

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

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

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

5. Where the catalytic converter is fitted?

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

6. 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

7. Which is related to pneumatic system?

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

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

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

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

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

10. Which process is taken place in catalytic convertor?

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

11. What is the material of exhaust manifold?

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

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

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

13. Which component is related to exhaust system?

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

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

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

15. Where is the turbocharger mounted?

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

16. What is the purpose of the turbo charger?

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

17. Where the exhaust system muffler is connected?

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

18. Which part connects the petrol engine inlet manifold?

- A) Fuel pump
- B) Air filter

C) Injector

D) Carburetor

19. 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

20. Which type of filter element is fitted in dry type air

cleaner?

A) Wire mesh

B) Strainer

C) Cloth

D) Paper

21. What is the purpose of catalytic converter?

A) Control the emission

B) Control the fuel consumption

C) Control the noise

D) Control the temperature