

ITI Quiz - 29-Apr-2026

12:34 PM

Q. ID: ITISKILL26847W

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. What is the material of inlet manifold?

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

2. Which process is taken place in catalytic convertor?

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

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

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

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

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

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

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

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

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

7. Where is the turbocharger mounted?

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

8. Which is related to pneumatic system?

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

9. 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 vibration
- D) To reduce the heat

10. Where the catalytic converters are used?

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

11. Where the catalytic converter is fitted?

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

12. Which component is related to exhaust system?

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

13. Where the exhaust system muffler is connected?

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

14. Which part connects the petrol engine inlet manifold?

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

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

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

16. What is the material of exhaust manifold?

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

17. What is the purpose of catalytic converter?

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

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

A) Low temperature

B) High temperature

C) Low noise

D) Excessive back pressure

A) Filter the exhaust gas

B) Scavenging

C) Pump more air into the cylinder

D) Save power

19. How does a turbocharger get drive?

A) By gear

B) By exhaust gas

C) By inlet gas

D) By belt

20. What is the purpose of the turbo charger?

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

A) Chromium and vanadium

B) Asbestos and ceramics

C) Palladium and platinum

D) Zinc and molybdenum
