

ITI Quiz - 25-Apr-2026

07:21 PM

Q. ID: ITISKILL8364HZ

April 2026

Question Paper

Duration: 30 Mins

Total Marks: 21

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Student Name: _____ Roll No: _____

1. Which is related to pneumatic system?

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

2. What is the purpose of the turbo charger?

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

3. Which process is taken place in catalytic convertor?

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

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

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

5. Where the catalytic converters are used?

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

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

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

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

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

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

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

9. Where is the turbocharger mounted?

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

10. Where the catalytic converter is fitted?

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

11. What is the purpose of catalytic converter?

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

12. What is the material of exhaust manifold?

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

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

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

14. How does a turbocharger get drive?

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

15. 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

16. Which part connects the petrol engine inlet manifold?

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

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

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

18. Where the exhaust system muffler is connected?

- A) Between exhaust pipe and exhaust manifold
- B) Between exhaust pipe and tail pipe

C) Between tail pipe and exhaust manifold

D) Between engine head and exhaust manifold

19. 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?

A) Carburetor

B) Injection pump

C) Air filter

D) Muffler

21. What is the material of inlet manifold?

A) Stainless steel

B) Bronze

C) Aluminium alloy

D) Brass
