

Student: AS JAAAN

Score: 20/21 (95.24%)

Code: 8624

1. Which part connects the petrol engine inlet manifold?

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

2. What is the material of inlet manifold?

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

3. Which component is related to exhaust system?

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

4. Which is related to pneumatic system?

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

5. Where is the turbocharger mounted?

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

6. What is the material of exhaust manifold?

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

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

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

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

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

9. Which process is taken place in catalytic convertor?

- A) Thermal  
 B) Physical  
**C) Chemical (Correct)**  
 D) Biological

10. What is the purpose of the turbo charger?

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

11. How does a turbocharger get drive?

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

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

- A) Muffler (Incorrect)  
 B) Oil filter  
**C) Air filter**  
 D) Fuel filter

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

- A) Cloth  
 B) **Paper (Correct)**  
 C) Strainer  
 D) Wire mesh

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

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

15. Where the exhaust system muffler is connected?

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

16. Where the catalytic converters are used?

- A) Fuel system  
 B) Inlet system  
**C) Exhaust system (Correct)**  
 D) Lubrication system

17. What is the purpose of catalytic converter?

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

18. Where the catalytic converter is fitted?

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

---

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

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

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

- A) Low noise  
C) Low temperature

- B) High temperature  
**D) Excessive back pressure (Correct)**
- 

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

- A) Tin  
C) Chromium

- B) Lead (Correct)**  
D) Phosphorus
-