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Score: 21/21 (100.00%)

Code: 7612

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  
B) Oil filter  
**C) Air filter (Correct)**  
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

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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
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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)**
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21. Which metal in the fuel is to be avoided while fitting catalytic converter?

- A) Tin  
C) Chromium

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