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Score: 20/21 (95.24%)

Code: 1827

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

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
(Incorrect)

- B) High temperature
D) Excessive back pressure
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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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