

Name: _____ Date: _____

1. What is the primary purpose of the exhaust system components?
 - A. Increase air intake
 - B. Regulate fuel flow
 - C. Silence exhaust noise
 - D. Enhance engine power

2. Which component acts as a flame arrester in case of a backfire?
 - A. Radiator
 - B. Fuel filter
 - C. Oil pump
 - D. Air cleaner

3. Why is it crucial to filter the air before it enters the engine?
 - A. To increase engine noise
 - B. To enhance fuel efficiency
 - C. To regulate air temperature
 - D. To prevent damage to engine parts

4. What primary role does the intake manifold serve in the engine?
 - A. Filters exhaust gases
 - B. Stores excess fuel
 - C. Cools the engine
 - D. Directs air to the engine intake ports

5. What function does the exhaust manifold serve in the engine?
 - A. Filters air intake
 - B. Mixes air with fuel
 - C. Directs exhaust gases out of the engine
 - D. Stores excess fuel

6. What role does an intake manifold play in relation to air intake filtration?
 - A. It filters the air
 - B. It cools the air
 - C. It silences the air intake
 - D. It defines the route for air and sometimes fuel to reach the combustion chamber

7. In the context of air intake, why is silencing necessary?
 - A. To increase fuel efficiency
 - B. To prevent backfires
 - C. To reduce noise pollution and ensure smoother engine operation
 - D. To enhance engine power

8. How does the exhaust system contribute to the overall engine performance?

- A. By efficiently removing exhaust gases and reducing backpressure
- B. By increasing air intake
- C. By regulating fuel flow
- D. By cooling the engine

9. Why is it crucial for the exhaust system to efficiently remove exhaust gases?

- A. To increase the engine's noise
- B. To enhance the smell of exhaust
- C. To improve engine performance and reduce harmful emissions
- D. To increase fuel consumption

10. What is the primary role of air intake filtration in an engine?

- A. Regulate air temperature
- B. Generate engine vacuum
- C. Mix air with fuel
- D. Remove contaminants from the air

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Chapter 21

Multiple Choice Quiz B

Answer Key

1. C

2. D

3. D

4. D

5. C

6. D

7. C

8. A

9. C

10. D