

**BIOLOGY 12: UNIT J - CHAPTER 15 - REVIEW WORKSHEET**  
**RESPIRATORY SYSTEM**

**A. CHAPTER REVIEW**

1. Define the four components of respiration.

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2. What happens to the air as it moves along the air passages? What happens to the air as it is expired?

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3. How do we get a **sinus headache**? What tube leads into the nasopharynx from the middle ears?

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4. What two passages temporarily join in the pharynx?

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5. Name the opening at the top of the larynx. Why doesn't food enter the glottis when food is swallowed?

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6. What factors determine the pitch of the voice? The loudness of the voice?

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7. What is the function of the C-shaped cartilaginous rings in the trachea?

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8. What is the function of the cilia in the trachea?

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9. What is the purpose of a tracheostomy?

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10. As the bronchial tubes subdivide, what happens to their walls? What is an **alveolus**?

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11. Describe what happens in **infant respiratory distress syndrome**.

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12. Explain why intrapleural pressure needs to be less than the atmospheric pressure during inspiration.

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13. What are the three primary stimuli that trigger breathing?

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