



BIOLOGY

NCERT - NCERT BIOLOGY(TELUGU)

BREATHING AND EXCHANGE OF GASES

Question

1. Volume of air remaining in the lungs even after a forcible expiration is



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2. Diffusion of oxygen occurs in the alveolar region only and not in other parts of respiratory system. How do you justify the statement ?



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3. What are the major transport mechanisms for CO_2 ?- Explain.



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4. What is the effect of pCO_2 on oxygen transport ?



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5. What happens to the respiratory process in a man going up a hill?



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6. Define oxyhaemoglobin dissociation curve.

Can you suggest any reason for its sigmoidal pattern ?



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7. Distinguish between

a) IRV and ERV

b) Inspiratory capacity and Expiratory capacity

c) Vital capacity and Total lung capacity.



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8. What is tidal volume ? Find out the tidal volume in a healthy human, in an hour ?



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