



BIOLOGY

BOOKS - S CHAND BIOLOGY (HINGLISH)

MODEL TEST PAPER 2

Section A

1. Give one advantage of artificial insemination.



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2. Name the nucleic acids that are present in an animal cell.



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3. When we open a gas tap for a few seconds, the sound of escaping gas is heard first but the smell of gas comes later. Why?



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4. (a) Name and draw a cell which does not have a well defined nuclear region. Label any four parts.

(b) mention two ways by which a photosynthesising cell belonging to this group differs from a cell of your body.



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5. What are the major divisions in the Plantae ? What is the basis for these divisions ?



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6. In a cluster of hutments, many people are suffering from malaria. Mention the unhygienic conditions that must be prevailing in that locality. How does a doctor confirm malaria?



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7. How is soil formed?



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8. Draw a well labelled diagram of animal cell and mention one function of the main cell organelles.



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9. What are merisematic tissues? Explain with the help of suitable diagram. Give their classification on the basis of their position in the plant body.





Section B

1. While walking through garden , Kapil plucked the tips of some flowering plants. Gardner saw him doing this and persuaded him not to do so as it is not good for plant growth.

(i) What happens to the plants if their tips are removed ?

(ii) What are meristems ?

(iii) How meristems are classified ?

(iv) What value was displayed by the garden ?



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