



BIOLOGY

BOOKS - CBSE COMPLEMENTARY MATERIAL BIOLOGY (HINGLISH)

PRACTICE PAPER 2

Section A

1. Name two genera placed in the family
solanaceae



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2. What do the terms phycobiont and mycobiont signify?



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3. Name the type of bond by which monomers in the polysaccharides are held together .



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4. Name the type of bond by which monomers in the Poly peptides are held together .



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5. What are mesosomes?



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Section B

1. What are trichomes? Mention their function.



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2. Differentiate between simple epithelium and compound epithelium.



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3. Based on the position of the centromere classify the chromosomes into four groups.

Explain.



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4. How does temperature and pH affect activity of enzyme ?



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5. Write functions of chloroplast and mitochondria.



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6. Draw a neat labelled diagram of the duct system of liver, gall bladder and pancreas.



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7. Explain with suitable examples the different types of phyllotaxy?



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8. What are the assumptions made during the calculation of net gain of ATP?



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9. Write at least six differences between Mitosis and meiosis process.



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10. What are the main steps in aerobic respiration? Where does it take place?



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11. Write scientific term for Exchange of genetic material between two homologous chromosome.



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12. Write scientific term for Point at which two sister chromatids are held together



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13. Write scientific term for Nuclear division in mitosis



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14. Write scientific term for Inactive stage shown by the cells which donot divide further



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15. Write scientific term for Division of cell (cytokinesis) in animal cell



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16. Write the hormone produced by endocrine gland (a) Thyroid (b) pancreas. Write function of any one hormone?



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17. Describe transpiration pull model of water transport in plants. What are the factors influencing transpiration? How is it useful to plants?



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18. What are porins? What role do they play in diffusion?



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