



BIOLOGY

BOOKS - SARAS PUBLICATION

LAWS, THEORIES AND HYPOTHESIS

Example

1. State Fisher and Race hypothesis.



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2. Write about Wiener hypothesis?



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3. Describe the structure of DNA as proposed by Watson and Crick.



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4. What does the hypothesis proposed by Beadle and Tatum state?



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5. What does one gene-one polypeptide hypothesis state?



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6. Write about Wiener hypothesis?



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7. Who disproved Lamarck's Theory of acquired characters? How ?



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8. State Hardy - Weinberg equilibrium



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9. What is the religious theory regarding the origin of life? Explain.



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10. Abiogenesis theory states that life originates from pre-existing life.



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11. State the Biogenetic law.



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12. Write short notes on contributions of Lamarck.



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13. State the Biogenetic law.



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14. Explain about the origin of the Universe.



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15. Which theory explain the origin of living organisms from non-living materials? Explain it.



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16. Write about Lamarck's theory.



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17. Write short notes on the contributions of Charles Darwin.



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18. Enumerate the salient features of mutation theory.



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19. Write a short note on biogenetic law.



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20. Describe "Modern synthetic theory".



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21. Explain Darwin's theory of natural selection.



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22. How does Hardy-Weinberg's expression $(p^2 + 2pq + q^2 = 1)$ explain that genetic equilibrium is maintained in population ? List any four factors that can disturb the genetic equilibrium.



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23. State Bergmann's rule.



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24. State Jordon's rule.



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25. State Allen's rule.



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26. Define Van't Hoff factor.



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