



BIOLOGY

BOOKS - SARAS PUBLICATION

APPLICATIONS OF BITECHNOLOGY

Example

1. What is genetically engineered insulin ?



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2. What are DNA vaccines ?



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3. What are transgenic animals? Give example.



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4. What are stem cells? Explain their role in the field of medicine.



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5. What are recombinant vaccines ? Explain the types .



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6. Define Genetic engineering.



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7. What is rDNA?



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8. What is Haemophilia A?



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9. What are interferons ? Mention their role.



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10. What are recombinant vaccines ? Explain the types .



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11. Define subunit vaccines.



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12. Define attenuated vaccine.



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13. Write notes on edible vaccines? Where do they target?



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14. What is somatic cell gene therapy?



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15. What is germline gene therapy?



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16. What is stem cell therapy?



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17. What are stem cells? Explain their role in the field of medicine.



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18. What is meant by Totipotency?



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19. Define unipotency.



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20. What is Amniotic cell bank?



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21. What is PCR?



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22. What is DNA amplification?



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23. What is RT-PCR?



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24. Define Transgenesis.



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25. What is transgene?



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26. Explain how "Rosie" is different from a normal cow.



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27. Differentiate between Somatic cell gene therapy and Germline gene therapy.



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28. Differentiate pluripotency and multipotency.



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29. Differentiate embryonic stem cells and adult stem cells.



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