



BIOLOGY

BOOKS - UNITED BOOK HOUSE

THIS QUESTION PAPER

Exercise

1. Which cell organelle is related to cell secretion?



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2. What are the sub units of ribosome of prokaryote?



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3. Name the type of cell having cellwall and ancient nucleus.



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4. What is co-enzyme?



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5. What is anticodon?



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6. Which type of RNA carry amino acid?



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7. Name the group of carbohydrates formed of 2-10 monosaccharids.



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8. Name the protein complex developed during zygtene pairing.



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9. In which stage of cell division do you find bouquet stage.



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10. What happen if a living animal cell is placed in hypotnic solution?



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11. Why krebs cycle does not take place in RBC?



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12. How many ATP are produced during krebs cycle?



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13. Which cycle is called TCA cycle?



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14. Where Krantz anatomy are noted?



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15. In what form glucose is stored in plant body?



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16. Mention the full name of CAM. Give one example of CAM plant.



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17. Mention the events of light phase of photosynthesis.



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18. Write differences between crossing over and chiasma formation.



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19. Show the formation of ester linkage.



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20. What is derived protein give example.



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21. What is ribozyme give example.



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22. Write two differences between bacterial cell wall and plant cell wall.



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23. What is infusosome?



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24. What is antenna complex?



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25. What is deplasmolysis?



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26. Write the differences between lactic acid fermentation and alcoholic fermentation.



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27. Name two semi autonomous cell Organelles. Why are they called so?



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28. Write the function of 'GERL' system.



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29. Wrote the didfferences between autophagosome and heterophagosome.



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30. What is cell theory? Write its exceptions?



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31. Explain the effect of temperature on enzyme action.



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32. Write any three characteristic of malignant cells.



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33. Mention two differences between active and passive absorption of ion.



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34. Write the significance of E.T.S.



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35. Write any three differences between green plant photosynthesis and bacterial photosynthesis.



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36. What is photorespiration? Mention the sites of photorespiration



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37. What is RUBISCO? Mention its function?



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38. Write the differences between photosystem I and photosystem II.



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39. Discuss the mechanism and significance of Hatch and slack pathway in photosynthesis.



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40. What is glycolysis? Write down the sequences of reactions that occurs in glycolysis in tabular form.



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41. Give the diagrammatic representation of Calvin cycle.



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42. Describe the ultrastructure of centriole.



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43. Classify enzyme with examples.



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