



BIOLOGY

BOOKS - SHARAM PUBLICATION

SET 13

Exercise

1. Exposure of plants to high fluoride concentration results in necrosis or chlorosis characteristically in :

A. Petiole but not in lamina

B. only midrib in lamina

C. leaf tip and leaf margins

D. stem tips only

Answer:



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2. Which of the following biosphere reserve is located in Uttarkhand?

A. Valley of flowers

B. Sunderbans

C. Kanha

D. Kaziranga

Answer:



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3. Genetic diversity refers to _____

A. species richness

B. species composition

C. species abundance

D. Genetic variations

Answer:



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4. The phenomenon of fermentation was demonstrated by



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5. In curd making, is useful in coagulation of milk protein.



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6. Correct the sentences in each bit without changing the underlined words

The structural genes transcribe

tRNA and *rRNA*.



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7. Correct the statements by changing the underlined words:

The first step in the process of sexual reproduction is syngamy.



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8. Correct the statements by changing the underlined words:

Automobile exhaust contains high amount of carbondioxide.



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9. Give one word answer.

Development of a new individual from a single gamete without fertilization is called?



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10. Give one word answer.

How many gametes are present in male gamelophyte in an angiospermic flower.



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11. Write notes with 2 to 3 importanty points:

Double Fertilization



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12. Write notes with 2 to 3 importanty points:

Law of Dominance



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13. Write notes with 2 to 3 importanty points:

Genetic diversity



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14. Write notes with 2 to 3 importanty points:

Criss cross Inheritance



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15. Write notes with 2 to 3 important points:

Okazaki Fragments



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16. Differentiate between with 3 to 4 important points:

Dicot embryo and Monocot embryo



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17. Differentiate between with 3 to 4 important points:

Test cross and Reciprocal cross.



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18. Differentiate between with 3 to 4 important points:

Beta diversity and Gamma diversity



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19. Discuss the important outbreeding devices for cross pollination?



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20. Give an account of the operon model.



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21. Discuss the process of translation in detail.



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22. Give an account of development of female gametophyte in angiosperms.



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23. Spermatozoa matures in ----

A. Prostrate

B. Vas deferens

C. Epididymis

D. None of these

Answer:



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24. Copper T helpc in contraception by

A. Preventing sperms reaching cervix

B. Prevents implantation

C. Prevents ovulation

D. Killing the sperms

Answer:



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25. Mendelian recombinations are due to

- A. Independent assortment of genes
- B. Linkage of genes
- C. Mutation
- D. Dominance

Answer:



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26. What the cross between two parents differing in a single character is called ?



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27. How many ova will be produced by one fully grown primary oocyte?



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28. Fill in the blanks

Hormone _____ is produced from leydig cells of testis.



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29. Fill in the blanks

Development of spermatid into mature sperm is called _____



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30. Fill up the blank

Development of a fertilized ovum starts with



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31. Three primary germ layers are formed during morula stage of embryonic development.



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32. Fill up the blank

The full form of FSH.



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33. What is diabetes mellitus ? How can it be controlled?



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34. Write two symptoms of AIDS?



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35. Write note on sexually transmitted diseases.



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36. Write notes on: Cell mediated immunity



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37. Distinguish between humoral immunity and cell-mediated immunity.



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38. Differentiate between the following
Spermatogenesis and Oogenesis



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39. Differentiate between of the following
Spermatid and spermatozoa



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40. Write short note on the following
DNA fingerprinting



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41. Write short note on inheritance of colour blindness in man.



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42. Give an account of the human female reproductive system,



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43. Write short note

Immunoglobins



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44. Write short note

Gene Therapy



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45. Write a short note on *Bacillus thuringiensis* (Bt).



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46. Write short note

Humulin



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