



BIOLOGY

BOOKS - SHARAM PUBLICATION

SET 18

Exercise

1. Diversity of species across a wide geographical range is called

A. Gamma diversity

B. Alpha diversity

C. Beta diversity

D. community diversity

Answer:



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2. Plants identical to mother plant can be obtained from:

- A. its seeds
- B. its fruits
- C. stem cuttings
- D. hybridization

Answer:



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3. The micropyle in a seed helps in the entry of:

A. water

B. pollen tube

C. male gamete

D. none of the above

Answer:



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4. Fill in the blanks

Fusion of male and female gametes is known

as _____



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5. Fill in the blanks:

Allogamy is the name for _____ pollination.



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6. Give one word answer:

What is the botanical name of the plants used by Mendel for his experiment?



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7. Give one word answer:

When genes are located close to one another on the same chromosome.



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8. Correct the statements by changing the underlined words:

Geitonogamy is the pollination of a flower by its own pollen.



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9. Correct the statements by changing the underlined words:

In cleistogamous flower cross pollination is the rule.



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10. Correct the statements :

Self-sterility is an adaptation for geitonogamy.



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11. Multiple alleles



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12. Herkogamy



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13. Write note

Geitonogamy



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14. Layering



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15. Differentiate between with 3 to 4 important points

Tobacco and Afim



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16. Differentiate between with 3 to 4 important points

Transformation and Transfection



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17. Differentiate between with 3 to 4 important points

Chemical and Biological method of pest control.



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18. What does the in-situ-conservation mean ?



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19. Describe the structure of DNA studied by Watson and Crick.



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20. Mention the advantages of selecting pea plant for experiment by Mendel.



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



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22. Oogenesis take place in

A. Germinal epithelium of ovary

B. Follicle of ovary

C. Interstitial cells of ovary

D. Squamous epithelium of ovary

Answer:



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23. Minamata disease is caused by the consumption of fish contaminate with

A. Lead

B. Copper

C. Zinc

D. Mercury

Answer:



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24. Odisha has numbers of national park.



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25. The common refrigerant that is responsible for the depletion of stratospheric ozone is



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26. Fill in the blanks:-

The cross between F_1 hybrid and double recessive parent is called _____ cross.



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27. Diploid condition where all the alleles are identical is known as?



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28. Acrosome of sperm is formed by-



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29. Fill in the blank

The first recombinant human vaccine

produced and marketed is _____ vaccine.



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30. Fill in the blank

The term "Biodiversity hotspot" was coined by



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31. Depletion of ozone layer is speeded up by

the atom present in CFC.



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32. The expanded form of IUCN is



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33. Which hormone is secreted from the testes and what is its function?



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34. Write short notes on : Menstrual cycle



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35. Mention any two syndrome caused by autosomal variation?



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36. State the cause and symptoms of Asariasis?



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37. Differentiate between : B-lymphocytes and T-lymphocytes



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38. Differentiate between antibody and antigen.



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39. Differentiate between : Corpus luteum and corpus albicans.



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40. Explain sex linkage giving suitable examples from Drosophila?



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41. Describe the structure of DNA studied by Watson and Crick.



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42. What are immunoglobulins ?



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43. Write short note

Significance of fertilization



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44. Write short notes AIDS.



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45. Mention any two autosomal genetic disorders with their symptoms.



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