



BIOLOGY

BOOKS - SHARAM PUBLICATION

SET 19

Exercise

1. Community diversity, otherwise , refers to _____diversity

A. Ecological

B. Species

C. Genetic

D. Gamma

Answer:



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2. Latitude range with maximum species diversity is :

A. Poles

B. Tropics

C. deserts

D. Sub-tropics

Answer:



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3. The fusion product of polar nuclei and male gamete is :

A. secondary nuclear

B. triple fusion

C. primary endosperm nuclear

D. zygote

Answer:



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4. Fill in the blanks

After fertilization _____ transforms into fruits.



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5. Fill in the blank

The mature female gametophyte of angiosperms is known as _____



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6. Give one word answer:

Name the seed coat character used by Mendel.



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7. Give one word answer:

Genotype of F1 pink offspring in *Mirabilis jalapa*.



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8. Correct the statements:

Pollinia are modified pollen grains



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9. Correct the statements without changing underlined words only

Dahlia reproduces vegetatively by stems.



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10. Is Aspergillus reproduces asexually by zoospores?



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11. Write note

Biodiversity in ecosystem services



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12. Discuss the causes of loss of biodiversity



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13. Xenogamy



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14. Self sterility.



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15. Write note

Co-dominance



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16. Differentiate between with 3 to 4 important points

Emigration and Migration



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17. Differentiate between with 3 to 4 important points

Synthetic seeds and Embryo



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18. Differentiate between with 3 to 4 important points

Bagging and Tagging



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19. Given an account on Pollination and its types.



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20. Which of the mendel's Laws can be shown by using dihybrid cross only and how?



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21. Pollen tube usually enters the embryo sac :



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22. What do you understand by double fertilization ? Describe double fertilization in

angiosperms?



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23. Part of sperm involved in penetrating egg membrane is

A. Autosome

B. Acrosome

C. Allosome

D. Tail

Answer:



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24. Which is an exotic breed of cattle?

A. Jersey

B. Gir

C. Sahiwal

D. Red Sindhi

Answer:



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25. Minamata disease is caused by the consumption of fish contaminated with



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26. The Chipko movement started in which state?



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27. What is the fullform of CFCs?



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28. Fill in the blank

Gestation period for human boby is about _____ days.



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29. India had numbers of biodiversity hotspots.



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30. Fill in the blank

The first test tube baby in India was born in
_____.



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31. Gene for haemophilia is —



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32. The ocean water that contained concentrated amount of prebiotic organic compounds.



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33. What is fertilization and give its significance?



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34. What do you mean by surrogate mother? Explain.



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35. Write short note on: Genetic drift



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36. What are the types of malaria and their causative agents?



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37. Write note

Pollutants.



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38. Differentiate between: Phenotype and genotype



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39. Differentiate between : Ex Vivo gene therapy and in Vivo gene therapy.



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40. Differentiate between : Spermatogenesis and oogenesis



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41. Which of the Mendel's Laws can be shown by using dihybrid cross only and how?



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42. Differentiate between with 3 to 4 important points:

Spermatogenesis and Oogenesis



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43. Explain the chromosomal basis of sex-determination in animals.



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44. Write short notes on: Birth control



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45. Write note on sexually transmitted diseases.



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46. Write a short note on Mendel's principle of dominance



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