



BIOLOGY

BOOKS - SARAS PUBLICATION

REPRODUCTION IN PLANTS

Exercise

1. Identify the correctly matched pair

A. Tuber-allium cepa

B. Sucker -Pisita

C. Rhizome-Musa

D. Stolon-Zingiber

Answer:



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2. Assertion : Sporopollenin preserves pollen in fossil deposits.

Reason : Sporopollenin is resistant to physical and biological decomposition

A. assertion is true, reason is false

B. assertion is false, reason is true

C. Both assertion and reason are not true

D. Both assertion and reason are true

Answer:



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3. The scar left by function in the seed is

A. tegmen

B. radicle

C. epicotyle

D. hilum

Answer:



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4. *Parthenium hysterophorus* is commonly called

A. Bolb grass

B. Potato grass

C. Carrot grass

D. Allium grass

Answer:



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5. Which of the following mechanism helps in Salvia pollination?

A. Screw

B. Pulley

C. Wedge

D. Lever

Answer:



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6. Mention the contribution of Hofmeister towards Embryology.



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7. What are clones ?



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8. What is Cantharophily ?



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9. A detached leaf of Bryophyllum produces new plants. How ?



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10. What is dicliny?



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11. What is meant by self sterility?



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12. Endothecium is associated with dehiscence of anther Justify the statement .



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13. Distinguish tenuinucellate and crassinucellate ovule.



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14. Pollination in Gymnosperms is different from Angiosperms' - Give reasons.



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15. Write the disadvantages of modern methods of plant propagation.



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16. Discuss the steps involved in development of anther walls.



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17. which cell develops into pollen grain?

Where it develops?



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18. What is the process by which pollen grain develops?

Explain the process.



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19. What is the haploid cell which develops into the embryo sac?



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20. What is the other name of embryo sac?



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21. What is the type of embryo sac development in Polygonamy?



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22. Number of cells and nuclei found in a embryo sac



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23. Describe the development of monosperic embryo sac.



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