



BIOLOGY

NCERT - FULL MARKS BIOLOGY(TAMIL)

VEGETATIVE MORPHOLOGY

Evaluation

1. Roots are

A. Descending, negatively geotropic,
positively phototropic

B. Descending, positively geotropic,
negatively phototropic

C. Ascending, positively geotropic,
negatively phototropic

D. Ascending, negatively geotropic,
positively phototropic

Answer:



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2. When the root is thick and fleshy, but does not take a definite shape, it said to be _____

- A. Nodulose root
- B. Tubercular root
- C. Moniliform root
- D. Fasciculated root

Answer:



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3. Example for negatively geotropic roots _____

A. Ipomoea, Dahlia

B. Asparagus, Ruellia

C. Vitis, Portulaca

D. Avicennia, Rhizophora

Answer:



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4. Curcuma amada, Curcuma domestica, Asparagus, Maranta are example of _____

- A. Tuberous root
- B. Beaded root
- C. Moniliform root
- D. Nodulose root

Answer:



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5. Bryophyllum and Dioscorea are example for

- A. Foliar bud, apical bud
- B. Foliar bud, cauline bud
- C. Cauline bud, apical bud
- D. Cauline bud, foliar bud

Answer:



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6. Why lateral roots are endogenous?



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7. Write the similarities and differences between

1. Avicennia and Trapa
2. Radical buds and foliar buds
3. Phylloclade and cladode



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8. Write the differences between Banyan and silk cotton



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9. Write the similarities and differences between

Fusiform and Napiform root



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10. How root climbers differ from stem climbers?



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11. Compare sympodial branching with monopodial branching.



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12. Compare pinnate unicostate venation and palmate multicostate venation.



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