



BIOLOGY

NCERT - FULL MARKS BIOLOGY(TAMIL)

TAXONOMY AND SYSTEMATIC BOTANY

Evaluation

1. Specimen derived from non-original collection serves as the nomenclatural type,

when original specimen is missing . It is known as.

A. Holotype

B. Neotype

C. Isotype

D. Paratype

Answer:



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2. Phylogenetic classification is the most favoured classification because it reflects

- A. Comparative Anatomy
- B. Number of flowers produced
- C. Comparative cytology
- D. Evolutionary relationships

Answer:



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3. The taxonomy which involves the similarities and dissimilarities among the immune system of different taxa is termed as

- A. Chemotaxonomy
- B. Molecular systematics
- C. Serotaxonomy
- D. Numerical taxonomy

Answer:



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4. Which of the following is a flowering plant with nodules containing filamentous nitrogen fixing micro-organisms?

A. *Crotalaria juncea*

B. *Cycas revoluta*

C. *Cicer arietinum*

D. *Casuarina equisetifolia*

Answer:



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5. Flowers are zygomorphic in _____.

A. Cerropegia

B. Thevetia

C. Datura

D. Solanum

Answer:



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6. What is the role of national gardens in conserving biodiversity-discuss



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7. Where will you place the plants which contain two cotyledons with cup shaped thalamus?



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8. How do molecular markers work to unlock the evolutionary history of organisms?



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9. Give the floral characters of *Clitoria ternatea*.



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10. How will you distinguish Solanaceae members from Liliaceae members?



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