



BIOLOGY

BOOKS - VIKRAM PUBLICATION (ANDHRA PUBLICATION)

DIVERSITY OF LIVING WORLD

Important Questions

1. What is biogenesis ?



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2. Define the term histology. What is this otherwise called ?



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3. Distinguish between embryology and ethology.



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4. In a given area, remains of animals that lived in the remote past are excavated for study. Which branch of science is it called ?



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5. What is trinomial nomenclature ? Given an example.



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6. What is meant by tautonomy? Give two examples.



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7. ICZN stands for



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8. What is genetic diversity ?



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9. Define species richness.



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10. Mention any two products of medicinal importance obtained from Nature.



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11. List out any four sacred groves in India.



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12. What is meant by classification ? Explain the need for classification.



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13. Define species richness.



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14. What is genetic diversity ?



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15. Which one of the following is not a feature of biodiversity hot spots?



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16. Write short notes on In-situ conservation.



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Very Short Answer Type Questions

1. Define the term metabolism. Give any one example.



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2. What is growth? What is the difference between the growth in living organisms and growth in non-living objects ?



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3. What is biogenesis ?



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4. Define the term histology. What is this otherwise called ?



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5. Distinguish between embryology and ethology.



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6. In a given area, remains of animals that lived in the remote past are excavated for study. Which branch of science is it called ?



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7. Zoos are tools for 'classification' Explain.



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8. Where and how do we preserve skeletons of animals dry specimens etc ?



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9. What is trinomial nomenclature ? Given an example.



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10. What is meant by tautonomy? Give two examples.



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11. Differentiate between Protostomia, and Deuterostomia.



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12. Echinoderms are enterocoelomates'.

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13. ICZN stands for



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14. Give the names of any four protostomian phyla.





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15. Nematoda is a protostomian but not a eucoelomate justify the statement.



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16. What is ecological diversity ? Mention the different types of ecological diversities.



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17. Define species richness.



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18. Mention any two products of medicinal importance obtained from Nature.



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19. Invasion of an Alien species leads to extinction of native species. Justify this with two examples.



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20. List out any four sacred groves in India.



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21. Write the full form of IUCN. In which book threatened species are enlisted.



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Short Answer Type Questions

1. Phylogenetic system of classification is based on



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2. Explain the hierarchy of classification.



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3. What is meant by classification ? Explain the need for classification.



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4. Define species. Explain the various aspects of 'species'.



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5. What is genetic diversity ?



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6. What are the reasons for greater biodiversity in the tropics ?



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7. What is the 'evil quartet'?



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8. Explain in brief 'Biodiversity Hot Spots'.



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9. Which scientist proposed 'Rivet popper hypothesis' related to biodiversity and Ecosystems?



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10. Write short notes on In-situ conservation.



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