



1. Assertion: In wildlife conservation, there is no need to conserve Micro-organisms

Reason: Micro organisms are not of much importance to mankind

- A. If both A&R are true & R is correct explanation of A
- B. If both A&R are true but R is not correct explanation of A
- C. If A is true but R is false
- D. If both A & R are false



2. Find the correct sequence of Taxonomic categories

A. Division – Kingdom – Genus – Order

B. Species – Genus – Family – Order

C. Class – Order – Family – Division

D. Kingdom – Class – Species – Order



3. Which of the following is a class?

- A. Mammalia
- B. Sapindales
- C. Primata
- D. Poales

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4. \_\_\_\_ is the assemblage of families which exhibit a few similar characters

A. Class

B. Genus

C. Species

D. Order

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5. Fill in the blanks A&B

[Kingdom – Phylum – [A] – Order – [B] ]

a. A-Genus, B-species

b. A-family, B-class

c. A-class, B-family

d. A-species, B-division

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6. Match the following columns

a. A-I B-III C-III D-II

b. A-I B-III C-II D-I

c. A-II B-I C-I D-III

d. A-III B-I C-II D-I

Column I	Column II
A. Binomial nomenclature	I. Carolus Linnaeus
B. Genetic name	II. Muscidae
C. Family	III. Panthera
D. Systema naturae	



7. Genus is a category which comes in between the

- A. Family and Species
- B. Class and Family
- C. Order and Phylum
- D. Kingdom and Class

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8. Three different genera Solanum, Petunia and Datura are placed in the family
- A. Poaceae
  - B. Anacardiaceae
  - C. Hominidae
  - D. Solanaceae

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9. Which category comes after phylum and before order?

- A. Genus
- B. Family
- C. Class
- D. Species

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10. Taxonomic categories which come lower to the rank of class are

- A. Order, Phylum, Family, species
- B. Order, Family, genus, species
- C. Division, family, order, genus
- D. Order, division, genus, species



11. Potato and Brinjal belong to the genus Solanum, which reflects that

- A. They belong to single species
- B. They are a group of related species
- C. They both are morphological and structurally similar to each other in all aspects
- D. They can always produce fertile hybrid



12. Order primata and carnivora are placed in the same class, i.e.

A. Hominidae

B. Mammalia

C. Insects

D. Chordata

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13. Fishes, amphibians, reptiles and birds are kept in the same \_\_\_\_

- A. Order
- B. Class
- C. Genus
- D. Phylum

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14. The step of taxonomy in which the organism assigned a name is

- A. Characterisation
- B. Nomenclature
- C. Identification
- D. Classification

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15. Binomial nomenclature system was given by

- A. Aristotle
- B. Carolus Linnaeus
- C. Theophrastus
- D. A.P. de Caudolle

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## 16. Select the correct match

- a. A-II B-III C-IV D-I
- b. A-I B-IV C-II D-III
- c. A-IV B-I C-III D-II
- d. A-IV B-I C-II D-III

Column I	Column II
A. Ex situ conservation	I. Central National Herbarium
B. Quick referral system	II. Museum
C. Preserved animals	III. Flora
D. Actual account of habitat & distribution of plants of a given area	IV. Zoological parks





## 17. Live specimens are used for reference in Taxonomic studies in

- A. Museum
- B. Zoological parks
- C. Botanical gardens
- D. More than one option is correct

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**18. National Botanical Research Institute is located at**

- A. Kolkata
- B. Chennai
- C. Mumbai
- D. Lucknow

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19. Phylogeny refers to:

- A. Natural classification
- B. Evolutionary classification
- C. Evolutionary history
- D. Origin of algae

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20. Which one of the following belongs to the family Muscidae?

- A. Grasshopper
- B. Cockroach
- C. Housefly
- D. Human

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21. Binomial nomenclature means:

- A. One name given by two scientists
- B. One scientific name consisting of a generic and specific epithet
- C. Two names, one latinised, other of a person
- D. Two names of same plant



22. If an organism is in the same class but not in the same family but it may belong to same:

- A. Genus
- B. Species
- C. Variety
- D. Order

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23. The category which includes related classes:

- A. Class
- B. Phylum
- C. Order
- D. Kingdom

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24. Taxonomic hierarchy refers to:

- A. Step wise arrangement of all categories for classification of plants and animals
- B. A group of senior taxonomists who decide the nomenclature of plants and animals
- C. A list of botanists or zoologists who have worked on taxonomy of a species or group
- D. Classification of a species, based on Fossil record





25. Growth, development and functioning of living body is due to:

- A. Order
- B. Homeostasis
- C. Metabolism
- D. Adaptation

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26. In multicellular organisms, reproduction is production of \_\_\_\_\_ possessing feature more or less \_\_\_\_\_ to those of parents

- A. Sibling, dissimilar
- B. Clones, similar
- C. Progeny, similar
- D. Progeny, dissimilar

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27. Find out incorrect statement w.r.t. reproduction

- A. In unicellular organisms growth and reproduction are two different processes
- B. Reproduction is of two types, asexual and sexual
- C. Asexual reproduction has different modes
- D. Many living organisms which do not reproduce are mules, worker bees and infertile couples



28. The branch of biology which deals with classification is

- A. Identification
- B. Taxonomy
- C. Morphology
- D. Biodiversity

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29. The basic unit of classification is

- A. Kingdom
- B. Class
- C. Species
- D. Order

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30. Biodiversity is referred as

- A. Number and type of organism present on earth
- B. Number of only animal species
- C. Number of only plant species
- D. Number of under water species



31. Number of species that are known and described lie between

- A. 1.2-1.3 million
- B. 1.4-1.5 million
- C. 1.6-1.7 million
- D. 1.7-1.8 million

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32. In Taxonomic hierarchy, which of the following group of taxa will have maximum number of similarities as compared to other?

- A. Solanaceae and Poaceae
- B. Polymoniales and Poales
- C. Solanum and Datura
- D. Leopard, tiger and lion

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33. What do A,B&C represent in the given scientific name respectively?

Mangifera	indica	Linn
C	B	A

- A. Generic name, scientific name and author's name
- B. Specific name, generic name and author's name
- C. Author's name, specific name and generic name
- D. Generic name, author's name and specific name



34. The process by which anything is grouped into convenient categories based on some easily observable characters is

- A. Identification
- B. Classification
- C. Bio-diversity
- D. Nomenclature

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35. Taxon is the unit of

- A. Order
- B. Taxonomy
- C. Species
- D. Genus

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36. Which is not a category ?

- A. Phylum
- B. Species
- C. Poaceae
- D. Class

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37. Match column I with Column II

a. A-I B-III C-II D-IV

b. A-III B-II C-IV D-I

c. A-I B-III C-IV D-II

d. A-I B-IV C-III D-II

Column I	Column II
A. Homo sapiens	I. Primata
B. Mangifera indica	II. Poales
C. Musca domestica	III. Sapindales
D. Triticum aestivum	IV. Diptera



38. Which of the following is not a result of cell division?

- A. Growth
- B. Repair
- C. Metabolism
- D. Reproduction

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39. Mark the incorrect pair:

- A. Hydra – Budding
- B. Flatworm – Regeneration
- C. Amoeba – Fragmentation
- D. Yeast – Budding

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40. Need for a proper system of classification arises because

- A. The organisms of the past cannot be situated without it
- B. Classification help in knowing the relationship among the different group of organisms
- C. It is not possible to study every organism
- D. All of the above





The Living World MCQs.

Answers

- 1) D
- 2) B
- 3) A
- 4) D
- 5) C
- 6) B
- 7) A
- 8) D
- 9) C
- 10) B
- 11) B
- 12) B
- 13) D
- 14) B
- 15) B
- 16) D
- 17) D
- 18) D
- 19) C
- 20) C

- 21) B
- 22) D
- 23) B
- 24) A
- 25) C
- 26) C
- 27) A
- 28) B
- 29) C
- 30) A
- 31) D
- 32) D
- 33) C
- 34) B
- 35) B
- 36) C
- 37) C
- 38) C
- 39) C
- 40) D