



BIOLOGY

BOOKS - NTA MOCK TESTS

THE LIVING WORLD TEST -1

Multiple Choice Questions

1. Which of the following is less general in characters as compared to genus?

A. Division

B. Class

C. Family

D. Species

Answer: D



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2. 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

Answer: B



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3. In plants, growth occurs _____ whereas in animals, it occurs _____.

A. only upto a certain age, continuously

B. continuously, only upto a certain age

C. continuously, continuously

D. only upto a certain age, only upto a certain age

Answer: B



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4. Which of the given below points are known as the two important characteristics of growth?

(i) Increase in mass

(ii) Increase in number of individuals

(iii) Cellular organisation

(iv) Cellular differentiation

A. (i) and (ii)

B. (i) and (iii)

C. (ii) and (iii)

D. (iii) and (iv)

Answer: A



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5. The first step in taxonomy is

- A. description of the organism
- B. identification of the organism
- C. nomenclature of the organism
- D. classification of the organism

Answer: B



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6. ICBN is

A. International Code of Biological Naming

B. International Code for Botanical
Nomenclature

C. International Class of Biological
Nomenclature

D. International Classification of Biological Nomenclature

Answer: B



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7. Founder of binomial nomenclature was

A. Linnaeus

B. Mendel

C. Darwin

D. Lamarck

Answer: A



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8. The serial arrangement of taxon/taxonomic category is known as

A. Category

B. Classification

C. Hierarchy

D. Taxonomy

Answer: C



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9. A number of genera having common characters is called

A. Family

B. Order

C. Kingdom

D. Class

Answer: A



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10. Most names in biological nomenclature of living organisms are taken from which language?

A. Hindi

B. Latin

C. German

D. French

Answer: B



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11. The correct representation of binomial nomenclature is

A. *Brassica indica*

B. *Mangifera Indica*

C. SOLANUM TUBEROSUM

D. MIMOSA pudica

Answer: A



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12. The index to the plant species found in a particular area is provided in:

A. Flora

B. Monographs

C. Manuals

D. Catalogue

Answer: A



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13. Phylum is a group of similar and related

A. Order

B. Genera

C. Families

D. Classes

Answer: D



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14. In the binomial system of taxonomy, developed during the 18th century by C. Linnaeus, the second word of an organism's biological name represents

A. Species

B. Genus

C. Race

D. Family

Answer: A



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15. One of the most important functions of botanical garden is

A. One can observe tropical plants there

B. They allow ex situ conservation of
germplasm

C. They provide the natural habitat for
wildlife

D. They provide a beautiful area for
recreation

Answer: B



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16. Category among following is

A. Order

B. Malvaceae

C. Thalamiflorae

D. Dicotyledonae

Answer: A



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17. The information about the plant specimens in the herbarium compiled and published in a book form is known as

A. Flora

B. Fauna

C. Herbarium

D. Catalogue

Answer: A



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18. Which of the following statements regarding the universal rules of biological nomenclature is incorrect?

A. Biological names are generally in Latin and written in italics.

B. The first word in a biological name represents the genus while the second component denotes the species.

C. Both the words in a biological name, when handwritten, are separately

underlined, or printed in italics to indicate their Latin origin.

D. The specific epithet starts with a capital letter while the generic epithet starts with a small letter. It can be illustrated with the example of *mangifera Indica*.

Answer: D



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19. Read the following statements and select the correct ones.

(i) Increase in mass and increase in the number of individuals are twin characteristics of growth.

(ii) Metabolic reactions can be demonstrated outside the body in isolated cell-free systems.

(iii) 'Response to stimuli' is a defining property of living organisms.

A. (i) and (ii)

B. (ii) and (iii)

C. (i) and (iii)

D. (i), (ii) and (iii)

Answer: D



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20. Select the correctly written botanical/zoologica name

A. Homo Sapiens

B. Panthera tigris

C. pisum Sativum

D. Mangifera Indica

Answer: B



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21. Select the correct option for biological name

A. They are binomial

B. They are descriptive

C. They are universal

D. All of these

Answer: D



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22. Select the odd one w.r.t. key

A. Taxonomic aid is used for identification

B. Each statement of couplet is called lead

C. Keys are non-analytical in nature

D. Separate keys are required for each taxonomic category

Answer: C



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23. Which one of the following aspects is an exclusive characteristic of living things?

A. Isolated metabolic reactions occur in vitro

B. Increase in mass from inside only

C. Perception of events happening in the environment and their memory

D. Increase in mass by accumulation of material both on surface as well as internally

Answer: C



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24. The label of a herbarium sheet does not carry information on

A. Date of collection

B. Name of collector

C. Local names

D. Height of the plant

Answer: D



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25. ICZN stands for

A. International Classification of Zoological
Nomenclature

B. International Code of Zoonotic
Nomenclature

C. International Code of Zoological
Nomenclature

D. Both (B) and (C)

Answer: C



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26. Which one of the taxonomic aids can give a comprehensive account of complete compiled information of any one genus or family at a particular time?

A. Taxonomic key

B. Flora

C. Herbarium

D. Monograph

Answer: D



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27. Identify the correct statement w.r.t. growth.

A. An increase in mass and an increase in the number of individuals are twin characters of growth.

B. In plants, growth is seen up to a certain age.

C. In higher animals and plants, growth and reproduction are mutually inclusive events.

D. In living organisms growth is from inside.

A. A and B only.

B. B, C and D only.

C. A, C and D only.

D. A and D only

Answer: D



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28. Classification is/has

A. A single step process.

B. Subspecies or variety is the lowest obligate category.

C. Category which does not represent rank.

D. Taxonomic groups or categories are distinct biological entities and not merely morphological aggregates.

Answer: D



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29. The scientific name of banyan is written as *Ficus benghalensis* L. Which of the following statements is correct regarding this?

A. Letter L. signifies Latin language

B. The name should be written reverse with *benghalensis* preceding *Ficus*

C. Letter L. signifies the taxonomist
Linnaeus

D. *benghalensis* is a generic name

Answer: C



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30. The main objective of plant taxonomy is

A. to study the world's flora

B. To provide a method for identification
and nomenclature

C. to provide Latin 'scientific' names for
every group of plants in the world

D. All of these

Answer: D



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