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**Max Time : 1 hr** **Class = 11th Biology Test - 1 Max Marks : 20**

**THE LIVING WORLD**

1. Multiple choice questions : [ 1 X 10 = 10 ]
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the assemblage of families which exhibit a few similar characters.

|  |  |  |  |
| --- | --- | --- | --- |
| a) Class | b) Genus | c) Species | d) Order |

1. Systematics deals with:

|  |  |
| --- | --- |
| a) Classification | b) Nomenclature |
| c) Evolutionary relationship | d) Plant exploration |

1. The technical names of organism are given in the language

|  |  |  |  |
| --- | --- | --- | --- |
| a) English | b) Latin | c) French | d) Greek |

1. Considered following taxonomic hierarchy, identify A , B & C.

A Genus Family B Class Phylum C

|  |  |
| --- | --- |
| a) A – Strain ; B – Order ; C – Sub kingdom | b) A – Species ; B – Order ; C – kingdom |
| c) A – Subspecies ; B – Tribe ; C – Domain | d) A – Species ; B – Order ; C – Sub division |

1. Select the correctly written scientific name of Mango which was described by Carolus Linnaeus:

|  |  |
| --- | --- |
| a) *Mangifera indica* Car. Linn | b) *Mangifera indica* Linn |
| c) *Mangifera indica* | d) *Mangifera Indica* |

1. Which of the following ‘suffixes’ used for units of classification in plants indicates a taxonomic category of family.

|  |  |  |  |
| --- | --- | --- | --- |
| a) – Ales | b) – Onae | c) – Aceae | d) – Ae |

1. The term species was introduced by

|  |  |  |  |
| --- | --- | --- | --- |
| a) John ray | b) Linnaeus | c) Theophrastus | d) Pliny |

1. Taxon is unit of

|  |  |  |  |
| --- | --- | --- | --- |
| a) Species | b) Genus | c) Order | d) Taxonomy |

1. The total sum of chemical reaction occurring in our body is

|  |  |  |  |
| --- | --- | --- | --- |
| a) Metabolism | b) Homeostasis | c) Irritability | d) Catabolism |

1. Build up reactions of the body are

|  |  |  |  |
| --- | --- | --- | --- |
| a) Metabolism | b) Catabolism | c) Anabolism | d) Growth reaction |

1. Define Hyperplasia and Hypertrophy. [ 1 ]
2. The estimate number of living species present on earth is ………………………… . [ 1 ]
3. Genus with more than one species is called ……………………………….. . [ 1 ]
4. Define Tautonym with example. [ 1 ]
5. Name the methods to prevent cross-fertilization in monoecious species. [ 1 ]
6. Define taxonomy? [ 1 ]
7. Differentiate between anabolism and catabolism. [ 2 ]
8. Write any 4 rules of binomial nomenclature. [ 2 ]

Define the following terms with one example of each : (i) Phylum (ii) Species [ 2 ]

1. Expand : (i) ICZN (ii) ICBN (iii) ICNCP [ 3 ]