

**BIOLOGY****The Living World**

21. The binomial system of nomenclature was first used by
- (1) Caspary
  - (2) Carolus Linnaeus
  - (3) Camp and Gilly
  - (4) Gaspard Bauhin
22. Which of the following statements regarding universal rules of nomenclature is wrong?
- (1) The first word in a biological name represents the genus
  - (2) The first word denoting the genus starts with a capital letter
  - (3) Both the words in a biological name, when handwritten, are separately underlined
  - (4) Biological names are generally in Greek and written in italics
23. Systema Naturae was written by
- (1) Ernst Mayr
  - (2) Carolus Linnaeus
  - (3) R.H. Whittaker
  - (4) W.M. Stanley
24. In the system of classification, which one of the following is not a category?
- (1) Kingdom
  - (2) Series
  - (3) Angiospermae
  - (4) Genus
25. Study the four statements (A-D) given below and select the two correct ones out of them
- A. Definition of biological species was given by Ernst Mayr
  - B. Photoperiod does not affect reproduction in plants
  - C. Binomial nomenclature system was given by R.H. Whittaker
  - D. In unicellular organisms, reproduction is synonymous with growth.
- The two correct statements are

- (1) B and C
- (2) C and D
- (3) A and D
- (4) A and B

26. Match column I with column II for housefly classification and select the correct option using the codes given below

Column I		Column II	
A	Family	i.	Diptera
B	Order	ii.	Arthropoda
C	Class	iii.	Muscidae
D	Phylum	iv.	Insecta

- (1) A-(iii), B-(i), C-(iv), D-(ii)
  - (2) A-(ii), B-(ii), C-(iv), D-(i)
  - (3) A-(iv), B-(ii), C-(i), D-(i)
  - (4) A-(iv), B-(i), C-(i), D-(ii)
27. In a taxonomic hierarchy, the number of common characters will increase as we go from,
- (1) Class to Order
  - (2) Species to Kingdom
  - (3) Genus to Species
  - (4) Kingdom to Species
28. The word species was coined by
- (1) Aristotle
  - (2) Linnaeus
  - (3) John Ray
  - (4) Engler.
29. Arrange the following in ascending order of Linnaean hierarchy
- (1) Kingdom-Phylum-Class-Order-Family-Genus Species
  - (2) Kingdom-Family-Genus-Species-Class Phylum-Order
  - (3) Kingdom-Order-Species-Genus-Class-Family Phylum
  - (4) Species-Genus-Family-Order-Class-Phylum Kingdom
30. Class is the category of taxonomy which includes related
- (1) families
  - (2) orders
  - (3) genus
  - (4) species