

BIOLOGY**The Living World**

41. The basic unit of classification is
 (1) species (2) genus
 (3) family (4) phylum
42. The framework system of classification in which various taxonomic categories are arranged in order of logical sequence is called
 (1) systematics
 (2) classification
 (3) hierarchy
 (4) taxon
43. Select the incorrect statements.
 (A) Lower the taxon, more are the characteristics that the members within the taxon share.
 (B) Order is the assemblage of genera which exhibit a few similar characters
 (C) Cat and dog are included in the same Family Felidae
 (D) Binomial nomenclature was introduced by Carolus Linnaeus
 (1) A, B and C (2) B, C and D
 (3) A and D (4) B and C
44. Arrange the following in the ascending order of Linnaean hierarchy
 (1) Kingdom - Order - Species - Genus - Class Family - Phylum
 (2) Kingdom - Family - Genus Species Class Phylum Order
 (3) Kingdom - Phylum - Class Genus Species Order Family
 (4) Species Genus -Family- Order- Class Phylum- Kingdom
45. Family is placed between
 (1) order and genus
 (2) genus and species
 (3) class and order
 (4) Phylum and class

46. The taxon which includes related species is
 (1) class (2) order
 (3) family (4) genus.
47. A group of individuals, which are able to breed among themselves and produce their own kind is known as
 (1) Genus (2) species
 (3) family (4) order
48. Match the following and choose the correct combination from the options given

Column I (common name)		Column II (taxonomic category order)	
A	Wheat	1	Primata
B	Mango	2	Diptera
C	Housefly	3	Sapindales
D	Man	4	Poales

- (1) A-1. B-2. C-4, D-3
 (2) A-4, B-3, C-2, D-1
 (3) A-2, B-4, C-1, D-3
 (4) A-3, B-4, C-2, D-1
 (5) A-4, B-2, C-3, D-1
49. Which of the following is the correct hierarchical sequence?
 (1) Phylum-class-order-family
 (2) Genus-species-order-family
 (3) Phylum-division-family-class
 (4) Division-order-class-genus
50. Match the items given in column I with those in column II and select the correct option given below.

Column I		Column II	
A	Herbarium	i	It is a place having a collection of preserved plants and animals
B	Key	ii	A list that enumerates

		methodically all the species found in an area with brief description aiding identification
C	Museum	Is a place where dried and pressed plant specimens mounted on sheets are kept.
D	Catalogue	A booklet containing a list of characters and their alternates which are helpful in identification of various taxa

- | | A | B | C | D |
|-----|-------|------|-------|------|
| (1) | (i) | (iv) | (iii) | (ii) |
| (2) | (iii) | (ii) | (i) | (iv) |
| (3) | (ii) | (iv) | (iii) | (i) |
| (4) | (iii) | (iv) | (i) | (ii) |

PARISHRAMA
NEET ACADEMY