

DAILY PRACTICE PROBLEM

BOTANY

Topic – The Living World

DPP No. – 01

- Q.1 Choose the correct sequence of taxonomic categories
(1) Class – Phylum – Order – Family – Genus – Species
(2) Division – Class – Order – Family – Genus – Species
(3) Division – Class – Family – Order – Genus – Species
(4) Phylum – Order – Class – Family – Genus – Species.
- Q.2 National Botanical Institute is located in
(1) Kolkata (2) Chennai (3) Mumbai (4) Lucknow.
- Q.3 Related genera belong to the same
(1) species (2) variety (3) family (4) breed
- Q.4 Scientific study of diversity of organisms and their evolutionary relationships is called
(1) morphology (2) anatomy (3) taxonomy (4) systematics
- Q.5 Carolus Linnaeus is associated with
(1) inheritance of acquired characters (2) binomial nomenclature
(3) law of independent assortment (4) law of limiting factors.
- Q.6 Who gave the nomenclature according to which humans are called *Homo sapiens*
(1) Darwin (2) Mendel (3) Aristotle (4) Linnaeus
- Q.7 Which of the listed feature is not a unique feature of living organisms ?
(1) Increase in size (2) Response to stimuli
(3) Self-organisation (4) Growth and reproduction
- Q.8 Growth in unicellular organisms can be observed by
(1) counting the mass of cultured cells
(2) analysing the amount of nutrients absorbed by living organism
(3) growth cannot be observed
(4) simply counting the number of cells under microscope during in vitro culture
- Q.9 Biological organisation level of living beings can be represented as
(1) Subcellular → Cellular → Individual → Population
(2) Atomic → Molecular → Cellular → Tissue → Organ → Organ system → Individual
(3) Organ system → Tissue → Cellular → Molecular → Atomic
(4) Individual → Molecular → Tissue → Organ system → Population

Q.10 Match the column I with Column II and choose the correct option.

Column-I		Column-II	
a.	Phylum	i.	Hominidae
b.	Order	ii.	Homo
c.	Class	iii.	Chordata
d.	Genus	iv.	Primata
e.	Family	v.	Mammalia

(1) a-ii, b-iv, c-v, d-iii, e-i

(3) a-i, b-iii, c-ii, d-iv, e-v

(2) a-iii, b-v, c-ii, d-i, e-iv

(4) a-iii, b-iv, c-v, d-ii, e-i

Answer key

Q.	1	2	3	4	5	6	7	8	9	10
Ans:	2	4	3	4	2	4	1	4	2	4