

PYQSide

NEET THE LIVING WORLD — TAXONOMIC CATEGORIES (SPECIES TO KINGDOM) — PYQS

Max. Marks: 52

Questions: 13

Section A (MCQ)

Q.1 Genus represents _____.

[RE-NEET (UG) 2026]

- (1) a group of closely related families
- (2) an individual plant or animal
- (3) a population of plants and animals
- (4) a group of closely related species

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Q.2 Arrange the following taxonomic categories in ascending order.

- | | |
|------------|------------|
| A. Genus | B. Class |
| C. Order | D. Phylum |
| E. Family | F. Kingdom |
| G. Species | |

[RE-NEET (UG) 2026]

- (1) (F), (C), (B), (G), (D), (E), (A)
- (2) (G), (A), (E), (C), (B), (D), (F)
- (3) (A), (C), (D), (G), (F), (B), (E)
- (4) (G), (C), (D), (B), (E), (A), (F)

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Q.3 Match **List-I** with **List-II**. [RE-NEET (UG) 2026]

List-I		List-II	
A.	Family	I.	Sapindales
B.	Genus	II.	Dicotyledonae
C.	Class	III.	Anacardiaceae
D.	Phylum	IV.	Angiospermae
E.	Order	V.	Mangifera

- (1) A-III, B-V, C-II, D-IV, E-I
- (2) A-I, B-V, C-II, D-IV, E-III
- (3) A-II, B-I, C-III, D-IV, E-V
- (4) A-II, B-III, C-V, D-I, E-IV

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Q.4 In the taxonomic categories which hierarchical arrangement in descending order is correct in case of animals? [NEET (UG) 2022]

- (1) Kingdom, Phylum, Class, Order, Family, Genus, Species
- (2) Kingdom, Class, Phylum, Family, Order, Genus, Species
- (3) Kingdom, Order, Class, Phylum, Family, Genus, Species
- (4) Kingdom, Order, Phylum, Class, Family, Genus, Species

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Q.5 Which of the following represents order of 'Horse'? [NEET 2017]

- | | |
|--------------------|--------------|
| (1) Perissodactyla | (2) Caballus |
| (3) Ferus | (4) Equidae |

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Q.6 Match **column I** with **column II** for housefly classification and select the correct option using the codes given below. [NEET 2016 (Phase 2)]

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

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Q.7 The common characteristics between tomato and potato will be maximum at the level of their

[NEET 2013 (Karnataka)]

- (1) family (2) order (3) division (4) genus.

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Q.8 Which one of the following animals is correctly matched with its particular taxonomic category? [AIPMT 2011 (Prelims)]

- (1) Tiger – *tigris*, species
- (2) Cuttlefish – Mollusca, class
- (3) Humans – Primata, family
- (4) Housefly – *Musca*, order

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full solution



Q.9 Two plants can be conclusively said to belong to the same species if they [AIPMT 2007]

- (1) have more than 90 percent similar genes
- (2) look similar and possess identical secondary metabolites
- (3) have same number of chromosomes
- (4) can reproduce freely with each other and form seeds

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Q.10 Species are considered as [AIPMT 2003]

- (1) real basic units of classification
- (2) the lowest units of classification
- (3) artificial concept of human mind which cannot be defined in absolute terms
- (4) real units of classification devised by taxonomists.

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Q.11 *Nicotiana glauca* flowers only during long days and *N. glauca* flowers only during short days. If raised in the laboratory under different photoperiods, they can be induced to flower at the same time and can be cross-fertilized to produce self-fertile offspring. What is the best reason for considering *N. glauca* and *N. glauca* to be separate species? [AIPMT 2003]

- (1) They cannot interbreed in nature
- (2) They are reproductively distinct
- (3) They are physiologically distinct
- (4) They are morphologically distinct

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Q.12 What is true for individuals of same species ? [AIPMT 2002]

- (1) Live in same habitat
- (2) Live in different habitat
- (3) Interbreeding
- (4) Live in same niche

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Q.13 Which of the following is less general in characters as compared to genus? [AIPMT 2001]

- (1) Species (2) Division (3) Class (4) Family

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full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11
Ans.	4	2	1	1	1	1	1	1	4	1	1
Ques.	12	13									
Ans.	3	1									