

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

Max. Marks: 52

Questions: 13

### Section A (MCQ) — 13 questions

**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

Scan or tap for the  
full solution



**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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full solution



**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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full solution



**Q.11** *Nicotiana sylvestris* flowers only during long days and *N. tabacum* 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. sylvestris* and *N. tabacum* 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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full solution



**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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full solution



**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  |   |   |   |   |   |   |   |    |    |