

BOARD-PATTERN PRACTICE PAPER · CBSE CLASS 11

The Living World

Biology · Chapter 1 · Matches current CBSE blueprint · Each question PYQ-sourced where indicated

DATE	TOTAL MARKS	DURATION	MARKING	TARGET
_____	30	60 min	As per board	≥ 24/30

GENERAL INSTRUCTIONS

- All questions are compulsory.
- Section A: 4 one-mark questions. Section B: 3 two-mark questions. Section C: 3 three-mark questions. Section D: 2 long/case-study questions (5 + 6 marks).
- Write scientific names with correct capitalisation; underline each word separately (or italicise) as required.
- Definitions must be precise — vague paraphrases lose marks on a recall chapter.
- Support each 'not a defining property' claim with an example to earn full marks.

Section A — Very Short Answer (1 mark each, 4 Qs)

4 MARKS · 8 MIN

- Q1.** Name the system of naming organisms with two Latinised words and the scientist who gave it. [PYQ 2022 School Annual] **[1 mark]**
- Q2.** Which is the basic (lowest) unit of taxonomic classification? [PYQ 2021 School Annual] **[1 mark]**
- Q3.** Expand ICZN and state what it governs. [PYQ 2023 CBSE SQP] **[1 mark]**
- Q4.** What is the approximate number of species described on Earth so far? [PYQ 2022 School Annual] **[1 mark]**

Section B — Short Answer I (2 marks each, 3 Qs)

6 MARKS · 12 MIN

- Q5.** Differentiate between a 'taxon' and a 'category' with one example each. [PYQ 2021 School Annual] **[2 marks]**
- Q6.** What is a herbarium? State any one piece of information found on a herbarium label. [PYQ 2022 School Annual] **[2 marks]**
- Q7.** Why can common (local) names not be used in scientific communication? Give one example. [PYQ 2023 CBSE SQP] **[2 marks]**

Section C — Short Answer II (3 marks each, 3 Qs)

9 MARKS · 20 MIN

- Q8.** Why are growth and reproduction NOT considered defining properties of all living organisms? Name the properties that ARE defining. [PYQ 2022 School Annual] **[3 marks]**
- Q9.** State the rules of binomial nomenclature using *Mangifera indica* as your example. [PYQ 2023 CBSE SQP] **[3 marks]**
- Q10.** Differentiate between taxonomy and systematics. Why is Carolus Linnaeus important to both? [PYQ 2021 School Annual] **[3 marks]**

Section D — Long / Case-Study (5 + 6 marks, 2 Qs)

11 MARKS · 20 MIN

- Q11.** (a) Arrange the seven taxonomic categories in the correct descending order. (b) Define species as the basic unit of classification. (c) Place the human (*Homo sapiens*) into the full hierarchy. (d) State how the number of shared characters and the number of organisms change as we move DOWN the hierarchy. [PYQ 2023 School Annual] **[5 marks]**
- Q12.** Read the passage and answer: A botany student collects an unfamiliar flowering plant on a field trip. To name it correctly and store it, she uses several taxonomical aids — she first identifies it using a published analytical tool, then dries and presses it onto a labelled sheet, and later compares it against living specimens in a reference garden. (a) Name the analytical tool she used to identify the plant and state what its paired statements are called. (b) Name the aid in which she dried and pressed her specimen, and one detail recorded on its label. (c) Name the reference garden of living plants she visited, and give one real example of such a garden. (d) Besides these, name any two OTHER taxonomical aids and state the use of each. [PYQ 2022 CBSE SQP] **[6 marks]**

Marking scheme & model answers — see companion Answer Key PDF · all PYQs traceable to actual CBSE papers · readyforboards.com · +91 70330 05444