

NEET PLANT KINGDOM — CLASSIFICATION SYSTEMS (ARTIFICIAL, NATURAL, PHYLOGENETIC), NUMERICAL TAXONOMY — PYQS

Max. Marks: 24

Questions: 6

Section A (MCQ) — 6 questions

Q.1 Match **List-I** with **List-II**.

List - I		List - II	
A.	Pteridophyte	I.	<i>Salvia</i>
B.	Bryophyte	II.	<i>Ginkgo</i>
C.	Angiosperm	III.	<i>Polytrichum</i>
D.	Gymnosperm	IV.	<i>Salvinia</i>

Choose the option with all correct matches.

[NEET (UG) 2025]

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

Scan or tap for the full solution



Q.2 Phylogenetic system of classification is based on

[AIPMT 2009]

- (1) morphological features
 (2) chemical constituents
 (3) floral characters
 (4) evolutionary relationships

Scan or tap for the full solution



Q.3 Phenetic classification of organisms is based on

[AIPMT 2004]

- (1) observable characteristics of existing organisms
 (2) the ancestral lineage of existing organisms
 (3) dendrogram based on DNA characteristics
 (4) sexual characteristics

Scan or tap for the full solution



Q.4 Phenetic classification of organisms is based on

[AIPMT 2003]

- (1) observable characteristics of existing organisms
 (2) the ancestral lineage of existing organisms
 (3) dendrogram based on DNA characteristics
 (4) sexual characteristics.

Scan or tap for the full solution



Q.5 Plants reproducing by spores such as mosses and ferns are grouped under the general term

[AIPMT 2003]

- (1) cryptogams (2) bryophytes
 (3) sporophytes (4) thallophytes.

Scan or tap for the full solution



Q.6 Which one pair of examples will correctly represent the grouping spermatophyta according to one of the schemes of classifying plants?

[AIPMT 2003]

- (1) *Acacia*, sugarcane (2) *Pinus*, *Cycas*
 (3) *Rhizopus*, *Triticum* (4) *Ginkgo*, *Pisum*

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4	5	6				
Ans.	4	4	1	1	1	4				