

NEET MORPHOLOGY OF FLOWERING PLANTS — THE ROOT: REGIONS AND MODIFICATIONS — PYQS

Max. Marks: 36

Questions: 9

Section A (MCQ) — 9 questions

Q.1 In angiosperms, root hairs arise from which one of the following regions of the root ?

[NEET (UG) 2026]

- (1) The region of elongation
- (2) The region of meristematic activity
- (3) The region of maturation
- (4) The root cap zone

Scan or tap for the full solution



Q.2 The roots that originate from the base of the stem are

[NEET (UG) 2020]

- (1) Primary roots
- (2) Prop roots
- (3) Lateral roots
- (4) Fibrous roots

Scan or tap for the full solution



Q.3 Sweet potato is a modified

[NEET 2018]

- (1) adventitious root
- (2) rhizome
- (3) stem
- (4) taproot

Scan or tap for the full solution



Q.4 Pneumatophores occur in

[NEET 2018]

- (1) halophytes
- (2) free-floating hydrophytes
- (3) carnivorous plants
- (4) submerged hydrophytes

Scan or tap for the full solution



Q.5 Root hairs develop from the region of :

[NEET 2017]

- (1) Meristematic activity
- (2) Root cap
- (3) Maturation
- (4) Elongation

Scan or tap for the full solution



Q.6 Roots play insignificant role in absorption of water in

[AIPMT 2015]

- (1) pea
- (2) wheat
- (3) sunflower
- (4) *Pistia*.

Scan or tap for the full solution



Q.7 Sweet potato is homologous to

[AIPMT 2011 (Mains)]

- (1) potato
- (2) *Colocasia*
- (3) ginger
- (4) turnip.

Scan or tap for the full solution



Q.8 In a longitudinal section of a root, starting from the tip upward, the four zones occur in the following order :-

[AIPMT 2004]

- (1) Cell division, cell enlargement, cell maturation, root cap
- (2) Root cap, cell division, cell enlargement, cell maturation
- (3) Root cap, cell division, cell maturation, cell enlargement
- (4) Cell division, cell maturation, cell enlargement, root cap

Scan or tap for the full solution



Q.9 Pneumatophores are found in

[AIPMT 2000]

- (1) the vegetation which is found in marshy and saline lake
- (2) the vegetation which is found in acidic soil
- (3) xerophytes
- (4) epiphytes.

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9		
Ans.	3	4	1	1	3	4	4	2	1		