

NEET ANATOMY OF FLOWERING PLANTS — ANATOMY OF DICOT AND MONOCOT STEM — PYQS

Max. Marks: 16

Questions: 4

Section A (MCQ) — 4 questions

Q.1 Find the statement that is NOT correct with regard to the structure of monocot stem. [NEET (UG) 2025]

- (1) Vascular bundles are conjoint and closed.
- (2) Phloem parenchyma is absent.
- (3) Hypodermis is parenchymatous.
- (4) Vascular bundles are scattered.

Scan or tap for the full solution



Q.2 The transverse section of a plant shows following anatomical features :

- (i) Large number of scattered vascular bundles surrounded by bundle sheath
- (ii) Large conspicuous parenchymatous ground tissue
- (iii) Vascular bundles conjoint and closed
- (iv) Phloem parenchyma absent

Identify the category of plant and its part:

[NEET (UG) 2020]

- (1) Monocotyledonous root
- (2) Dicotyledonous stem
- (3) Dicotyledonous root
- (4) Monocotyledonous stem

Scan or tap for the full solution



Q.3 Water containing cavities in vascular bundles are found in [AIPMT 2012 (Prelims)]

- | | |
|---------------|-----------|
| (1) Maize | (2) Cycas |
| (3) Sunflower | (4) Pinus |

Scan or tap for the full solution



Q.4 In barley stem vascular bundles are - [AIPMT 2009]

- | | |
|--------------------------|------------------------|
| (1) Closed and scattered | (2) Closed and radial |
| (3) Open and in a ring | (4) Open and scattered |

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4							
Ans.	3	4	1	1							