

## Plant Anatomy

**QUE** - Read the following statement about the vascular bundles:

- (k) In roots, xylem and phloem in a vascular bundle are arranged in an alternate manner along the different radii.
- (l) Conjoint closed vascular bundles do not possess cambium
- (m) In open vascular bundles, cambium is present in between xylem and phloem
- (n) The vascular bundles of dicotyledonous stem possess endarch protoxylem
- (o) In monocotyledonous root, usually there are more than six xylem bundles present

Choose the **correct answer** from the options given below:

- (9) (b), (c), (d) and (e) only
- (10) (a), (b), (c) and (d) only
- (11) (a), (c), (d) and (e) only
- (12) (a), (b), and (d) only

**NTA Answer – 1**

**Claim Answer – Bonus**

**Remark – All statements {(a), (b), (c), (d) and (e)} are correct according to A CLASS – BOOK OF BOTANY (By – A. C. DUTTA – Sixteenth edition), that's why Question should be Bonus.**

**Reference 3**

**A CLASS – BOOK OF BOTANY (By – A. C. DUTTA – Sixteenth edition) pg no 202, paragraph 3 line 1 to 3.**

- (1) Radial (A), when xylem and phloem form separate bundles and these lie on different radii alternating with each other, as in root.

