

**BOTANY**  
**SECTION-A**

101. Sclereids are commonly found in  
(1) Young stems and petioles of leaves (2) Fruit walls of nuts  
(3) Roots (4) Fleshy stems
102. What is the function of vessels in flowering plants?  
(1) Transport of food (2) To get rid of excess water  
(3) Photosynthesis (4) Transport of water and minerals
103. The central lumens are obliterated in  
(1) Xylem fibres (2) Phloem parenchyma  
(3) Xylem parenchyma (4) Sieve tubes
104. Which of the following is absent in most of the monocotyledons?  
(1) Phloem parenchyma (2) Tracheids  
(3) Vessels (4) Xylem parenchyma
105. The specialised epidermal cells present in the vicinity of guard cells are called  
(1) Bulliform cells (2) Companion cells (3) Subsidiary cells (4) Endodermal cells
106. Lateral roots arise from  
(1) Endodermis (2) Pericycle (3) Conjunctive tissue (4) Cambium ring
107. Polyarch xylem bundles are found in  
(1) Monocot root (2) Dicot root (3) Monocot stem (4) Dicot stem
108. Vascular bundles surrounded by a sclerenchymatous bundle sheath is a feature of  
(1) Dicot root (2) Monocot root (3) Dicot stem (4) Monocot stem
109. The central most portion of stem of dicotyledonous plants is occupied by  
(1) Vascular bundles (2) Pericycle (3) Pith (4) Cortex
110. Which of the following is not true for the vascular bundles of monocotyledonous stems?  
(1) Scattered in the ground tissue (2) Possess water-containing cavities  
(3) 'Ring' arrangement (4) Conjoint and closed