

BOTANY

101. (2)Sclereids provide mechanical support.
102. (4)Transport of food - Phloem
Release of excess water - Stomata
Photosynthesis - Chloroplasts
103. (1)Central lumens are obliterated in xylem fibers.
104. (1)Phloem parenchyma is usually absent in most monocots.
105. (3)Bulliform cells are adaxial epidermal cells of monocot leaves which modify themselves into large, empty and colourless cell. Companion cells are specialised parenchymatous cells of phloem.
Endodermal cell - Cells of endodermis
106. (2)As lateral root arise from pericycle they are endogenous in origin.
107. (1)Polyarch xylem means presence of more than six xylem bundles.
108. (4)Vascular bundles of monocot stem are surrounded by bundle sheath cells.
109. (3)Pith or medulla is present at centre of dicot stem.
110. (3)Monocot stem has scattered vascular bundles.