

- Choose odd one out w.r.t. origin
 - Interfascicular cambium
 - Intercalary meristem
 - Apical meristem
 - Intrafascicular cambium
- Find odd one out w.r.t. histogens found in shoot apex according to Hanstein
 - Tunica
 - Periblem
 - Plerome
 - Dermatogen
- Select an **incorrect** match
 - Tunica — Corpus theory — Schmidt
 - Histogen Theory — Hantein
 - Quiescent centre theory — Clowes
 - Korper — Kappe theory — Hofmeister
- Thickening material present in wall of collenchyma is
 - Pectin, cellulose, hemicelluloses
 - Lignin, cellulose, hemicelluloses
 - Hemicelluloses, suberin, cellulose
 - Suberin, pectin, cellulose
- Sclereids possess
 - Tapering ends
 - Highly thickened wall
 - Hemicellulosic ball
 - Broad lumen
- Major xylary element in wood of a gymnospermic plant is
 - Vessel
 - Tracheid
 - Xylem fibre
 - Xylem parenchyma
- Which of the following cell helps in maintaining the pressure gradient in the sieve tubes?
 - Phloem parenchyma
 - Bast fibre
 - Companion cell
 - Wood fibre
- Which component is not found in phloem of angiosperms?
 - Albuminous cell
 - Sieve tube
 - Companion cells
 - Bast fibre
- Sclerenchyma fibres are absent in
 - Protoxylem
 - Protophloem
 - Metaxylem
 - More than one option is correct
- Green cells of epidermis are
 - Bulliform cells
 - Subsidiary cells
 - Motor cells
 - Guard cells
- Trichomes
 - Are root hairs
 - May be branched
 - Are usually single celled
 - Are always non-secretory