

# Botanical Modifications

SHILPA DINDA

## 1. Petiole modified to tendril

- Clematis gouriana*
- Passiflora indica*
- Pisum sativum*
- None of the above



## 2. Phyllodes commonly occur in the plant

- Pithecolobium dulce*
- Mimosa pudica*
- Acacia auriculiformis*
- None of the above



## 3. Inflorescence modified to tendril

- Polygonum barbatum*
- Antigonon leptopus*
- Anisomeles ovata*
- None of the above



## 4. The stem modified to spine

- Amaranthus spinosus*
- Acanthus ilicifolius*
- Ulex europaeus*
- None of the above



## 5. The stem modified to cladode

- Asparagus racemosus*
- Agave americana*
- Achyranthes aspera*
- None of the above



## 6. The stem modified to thorn

- Duranta repens*
- Caesalpinia decapetala*
- Bombax ceiba*
- None of the above



## 7. The tendril modified to lateral branches

- Passiflora foetida*
- Cucurbita maxima*
- Momordica charantia*
- None of the above



## 8. The tip of the stem modified to tendril

- Coccinia cordifolia*
- Luffa echinata*
- Cissus quadrangularis*
- None of the above



## 9. Embryonic leaves are called

- Embryo leaves
- Cataphylls
- Embryophylls
- None of the above



## 10. Entire leaf is modified into tendril

- Lathyrus sativus*
- Cuscuta reflexa*
- Citrullus vulgaris*
- None of the above



**11. The tip of the lamina is modified to tendril**

- a) *Gloriosa superba*
- b) *Smilax aspera*
- c) *Asparagus racemosus*
- d) None of the above



**12. The entire leaves are modified to spines**

- a) *Argemone mexicana*
- b) *Pandanus fascicularis*
- c) *Opuntia dillenii*
- d) None of the above



**13. Leaves are actually modification of sporophylls**

- a) *Brassica juncea*
- b) *Typha angustifolia*
- c) *Echhornia crassipes*
- d) None of the above



**14. Calyx modified to Spines**

- a) *Solanum xanthocarpum*
- b) *Hygrophila spinosa*
- c) *Trapa bispinosa*
- d) None of the above



**15. Calyx modified to pappus**

- a) *Vernonia cinerea*
- b) *Calotropis procera*
- c) *Bombax ceiba*
- d) None of the above



**16. Calyx modified to petals**

- a) *Mussaenda frondosa*
- b) *Canna indica*
- c) *Ludwigia adscendens*
- d) *Hibiscus sabdariffa*



**17. Stamens are modified to Corona**

- a) *Costus speciosus*
- b) *Calotropis gigantea*
- c) *Aristolochia indica*
- d) None of the above



**18. Stamens are modified to staminode**

- a) *Cannabis indica*
- b) *Maranta sp*
- c) *Allium sativum*
- d) None of the above



**19. Calyx modified to spurred**

- a) *Impatiens balsamina*
- b) *Mirabilis jalapa*
- c) *Neptunia oleracea*
- d) None of the above



**20. Root modified into taproots**

- a) *Daucus carota*
- b) *Lemna minor*
- c) *Spirodela polyrhiza*
- d) None of the above



**Answers:**

- 1. a, 2. c, 3. b, 4.c, 5.a, 6.c, 7. a, .8. c, 9. b, 10. a, 11. a, 12. c, 13. a, 14. c, 15.a, 16. a, 17. b, 18.a, 19. b and 20. a

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