



**UNIVERSITY OF NORTH BENGAL**  
B.Sc. Honours 3rd Semester Examination, 2020

**CC5-BOTANY**

**MORPHOLOGY AND ANATOMY OF ANGIOSPERMS**

Full Marks: 40

**ASSIGNMENT**

*The questions are of equal value.  
The figures in the margin indicate full marks.*

**Answer any four of the following questions each within 300 words** 10×4 = 40

1. Give a detailed account of the structure and function of trichomes in angiosperms with suitable examples. Differentiate between articulated and non-articulated laticifers. 10
  
2. Discuss different types of gamopetalous corolla with suitable diagrams. 10
  
3. Discuss briefly the various theories of root and shoot apex organization with suitable diagrams. 10
  
4. Describe the formation and activity of secondary meristem in a dicotyledonous stem. How can you distinguish a T.S. of a dicot stem from that of a dicot root after secondary growth? 10
  
5. Classify various types of indehiscent fruits on the basis of morphology with suitable example and illustrations. Comment on the morphology of Jackfruit and custard apple. 10

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