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**B.Sc. (ZBC)-15**

**2<sup>nd</sup> Year Examination, Calendar Batch 2016**

**Botany-IV (Structure Development and reproduction in Flowering Plants)**

*Time : 3 Hours ]*

*[ Max. Marks : 100*

*Note. Attempt any **Five** questions. All questions carry equal marks.*

- Q.1** Explain in detail Stomata.
- Q.2** Explain the anatomy of typical angiosperm leaf and function of leaf?
- Q.3** Describe polluting agents in detail?
- Q.4** Give differences between biennial and perennial plants?
- Q.5** Explain the structure and functions of flowers?
- Q.6** What is the difference between primary xylem and secondary xylem?
- Q.7** Explain Tunica-carpus theory for shoot apical meristem? Differentiate between primary and secondary xylem.
- Q.8** Describe the sexual parts of flower?