

Note :- All questions from each section carry equal marks. All questions are compulsory and answer limit are approximately 250 words. Start the answer of each section from new page. Maximum limit of pages of answer booklet are approximately 16 pages. Answer should be written by the student in his/her own handwriting mandatory. The first page of answersheet should be download by the student from university website www.bubhopal.ac.in is mandatory.

/Section-A

(Plant Physiology & Biochemistry)

[Maximum Marks : 40

1.
Describe the theory of ascent of Sap.

2.
What is carbohydrates ? Describe their definition, structure, classification and biological importance.

/Section-B

(Cell Biology, Genetics & Biotechnology)

[Maximum Marks : 40

3. Describe the 'fluid mosaic model' of bio-membrane with the help of diagram.

4. Give an account of morphology and structure of chromosome.