

B.Sc. (Sem.-V) Examination  
S.E. 305 Biochemistry D Plant Biochem  
May-2017

Time : 3 Hours]

[Max. Marks : 70

**Q.1 (a)** Write a short note on PS – I and II. (7)

**(b)** Short note on chloroplast. (7)

**OR**

**Q.1 (a)** Give functions and types of plant coloring pigments. (7)

**(b)** Explain in details- photophosphorylation (7)

**Q.2 Write Short note on ANY TWO of the following (14)**

**(a)** Mitochondrial electron Transport System

**(b)** Photosynthesis

**(c)** Plant Cell wall

**Q.3 Write Short note on following (any two) (14)**

**(a)** Phototropisms and thigmonastism

**(b)** Cytokinines

**(c)** Ethylene

**Q.4 Write ANY TWO of the following (14)**

**(a)** Effect of volatile hormone **(b)** functions of Auxins in plants

**(c)** Give types and site of synthesis of plants growth regulators.

**Q.5 write as follow**

**(a)** Explain Dark Reaction (5)

**(b)** sources/origin and functions of ABA, 2, 4-D and Gibberalins. (5)

**(c)** Give structure of any plant hormone and its one function. (4)

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