DMM-1553
M. Sc. (Sem. IV) Examination
March / April - 2016
Botany : Paper - 403
(Biochemistry & Photochemistry)

Time : 3 Hours] [Total Marks : 70

Instructions :

(1) Fill up strictly the details of signs on your answer book.

Name of the Examination : M. SC. (SEM. 4)
Name of the Subject : BOTANY - 403

(2) Neat, correct and labelled diagrams will add to the value of the answer.

(3) Figures to the right indicate full marks of each question.

1 Write an account of cell wall. 14

2 Write notes on : (any two)
   (1) Polysaccharides
   (2) Components of carbohydrate
   (3) Biosynthesis of Lipids. 14

3 Write an account of : (any two)
   (1) Biological functions of protein.
   (2) Degradation in plant cells of proteins.
   (3) General aspects of enzyme. 14

4 Write notes on : (any two)
   (1) Classification of Alkloids.
   (2) Alkaloids drugs : Rauwolfia, Tea
   (3) Concept of Vitamins. 14

5 Write notes on : (any two)
   (1) Tetracycline
   (2) Streptomycin
   (3) Chemical nature of vitamins. 14

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