



DMM-1553

M. Sc. (Sem. IV) Examination

March / April - 2016

Botany : Paper - 403

(Biochemistry & Photochemistry)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="M. SC. (SEM. 4)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="BOTANY - 403"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="5"/> <input type="text" value="5"/> <input type="text" value="3"/>	<input type="text"/>
Section No. (1, 2,.....): <input type="text" value="Nil"/>	<input type="text"/>
	Student's Signature

(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 |