



SB-2727

M. Sc. (Part - I) (Sem. - II) Examination

March/April - 2011

Botany : Paper - 501

(Viruses, Phycology, Mycology & Plant Pathology)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दर्शावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
M.Sc. (Part - 1) (Sem. - 2)

Name of the Subject :
Botany - 501

Subject Code No. : 2 7 2 7 Section No. (1, 2.....): 1&2

Seat No. :
[] [] [] [] [] []

Student's Signature

- (2) Answer to each section should be written in separate answer books.
- (3) Sketch neat and labelled diagram wherever necessary.
- (4) Figure to the right indicate full marks of the questions.

SECTION - I

- 1 Describe : (any two) 14
- (i) Nomenclature and symptoms of virus.
- (ii) Thallus and cell structure of Rhodophyceae.
- (iii) Sexual reproduction in Basidiomycetes.
- 2 Write notes on : (any two) 14
- (i) Viroides
- (ii) Economic importance of Pheophyceae.
- (iii) General account of Basidiomycetes.

- 3** Write notes on : (any **two**) **14**
- (i) Tobacco Mosaic Virus
 - (ii) Evolution and origin of Basidiomycetes.
 - (iii) Classification of Ascomycetes.

SECTION - II

- 4** Describe : (any **three**) **14**
- (i) Symptoms and casual organism of viral disease.
 - (ii) Leaf curl of Tomato.
 - (iii) Bunchy top of Banana.
 - (iv) Leaf curl of Papaya.
- 5** Write notes on : (any **two**) **14**
- (i) Yellow mosaic of Legumes
 - (ii) Potato mosaic
 - (iii) Effective of environment and nutrition on disease development.
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