



SB-2729

M. Sc. - I Examination

March / April - 2011

Botany : Paper - IV

(New Course)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

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

Name of the Examination :
M. Sc. - I

Name of the Subject :
Botany : Paper - IV

Subject Code No. : 2 7 2 9 Section No. (1, 2,.....): Nil

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

Student's Signature

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

SECTION - I

- 1 Describe : (any two) 14
(i) Introduction of Rootapex.
(ii) Apical cell concept.
(iii) Quiescent centre concept.
- 2 Write : (any two) 14
(i) Types and structure of Modal anatomy.
(ii) Introduction of xylem.
(iii) Components and structure of phloem.
- 3 Describe : (any two) 14
(i) Organization of embryo sac and morphological nature.
(ii) Morphological nature and function of endosperms.
(iii) Embryo culture.

SECTION - II

- 4 Describe : (any two)
- (i) Polyembryony.
 - (ii) Seed culture.
 - (iii) Structure and function of disaccharides

- 5 Write : (any two) 14
- (i) B oxidation
 - (ii) Classification of proteins.
 - (iii) Biosynthesis of fatty acids.
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