



SB-2730

M. Sc. - I Examination

March / April - 2011

Botany : Paper - III

(New Course)

Time : 3 Hours]

[Total Marks :70

Instructions :

(1)

नीचे दशांश देव 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. - I"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="BOTANY : PAPER - III (NEW COURSE)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="2"/> <input type="text" value="7"/> <input type="text" value="3"/> <input type="text" value="0"/>	Section No. (1, 2,.....): <input type="text" value="1&2"/>
Student's Signature	

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

SECTION-I

- 1 Describe : (any two) 14
 - (i) Comparison of Angiosperms and Gymnosperms.
 - (ii) Economic importance of Gymnosperms.
 - (iii) Reproductive organs of Zamia.
- 2 Write : (any two) 14
 - (i) Comparison of Ferns and Gymnosperms.
 - (ii) Reproductive organ of Ginkgo.
 - (iii) Nilssonia.
- 3 Describe : (any two) 14
 - (i) Reproduction in Cupressus.
 - (ii) External and internal structure of Cryptomaria.
 - (iii) General account of Cordaitales.

SECTION - II

- 4 Write short notes : (any two) 14
- (i) History of botanical nomenclature.
 - (ii) Phylogeny and floral variation in Geraniales.
 - (ii) Ginkgoites.
- 5 Describe : (any two) 14
- (i) Geographical distribution, systematic position, floral variation and economic importance of family : Guttiferae and Plumbaginaceae.
 - (ii) Conquist system.
 - (iii) Geographical distribution. systematic position, floral variations and economic importance of family : Balanitaceae and Dioscoriaceae.
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