



S-2629

M. Sc. - I Examination

March / April - 2011

Botany : Paper - 403

(Taxonomy & Diversity of Seed Plants Including Fossils)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य लपनी. 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. - 1"/>	<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="2"/> <input type="text" value="6"/> <input type="text" value="2"/> <input type="text" value="9"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="1&2"/>	<input type="text"/>
	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
 - (1) Anatomy of Gymnosperms
 - (2) General account of cycadeodales
 - (3) Medullosa.
- 2 Describe (any two) : 14
 - (1) Vegetative and reproductive organs in Thuja.
 - (2) Pachytosta.
 - (3) Gametophytes in Gymnosperms.
- 3 Write notes on (any two) : 14
 - (1) Aims of plant taxonomy
 - (2) Outline Bantham and Hooker classification
 - (3) Concept of species.

SECTION-II

- 4 Describe (any **one**) 14
- (1) Floral variation in parietales .
 - (2) Give an account of the system of classification of angiosperms proposed by Engler and Prantal.
- 5 Give classification, geographical distribution, general 14
characters, economic importance and two examples of any two
following families :
- (1) Orchidaceae
 - (2) Geraniaceae
 - (3) Celastraceae.
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