



S-2628

M. Sc. (Sem. I) Examination

March / April – 2011

Botany : Paper - 402

(Bryophyta, Pteridophyta, Including Fossils)

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. I)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="BOTANY - 402"/>	<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="8"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="1&2"/>	

- (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
(a) Reproduction in Bryophytes.
(b) External morphology of Pteridophytes.
(c) General characters and affinities of Pteridophytes.
- 2 Write on any **two**. 14
(a) Cyathodium
(b) Lygodium
(c) Plagiochasma.
- 3 Write notes on any **two** : 14
(a) General characters of Bryophytes
(b) Prothelial sex organs Pteridophytes
(c) Anatomy of Pteridophytes.

SECTION - II

- 4 Write notes on any two: 14
(a) Fossilisation.
(b) Geological Timetable of Palaeozoic era.
(c) Nomenclature of Fossil.
- 5 Give the details study of any one 14
(a) Asteroxylon or (b) Miadesmia.