



SB-2728

M.Sc. (Part - I) (Sem. - II) Examination
March/April - 2011
Botany : Paper - 502
(Bryophyta, Pteridophyta Including Fossils)
(New Course)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दशांशके निशानीवाणी विगतो उत्तरवही 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"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<input type="text" value="M.Sc. (Part - 1) (Sem. - 2)"/>	<input type="text" value="Student's Signature"/>
Name of the Subject :	
<input type="text" value="Botany Paper : 502 (New)"/>	
Subject Code No. : <input type="text" value="2"/> <input type="text" value="7"/> <input type="text" value="2"/> <input type="text" value="8"/> 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 diagram wherever it necessary.
- (4) Figure to the right indicate full marks of the questions.

SECTION - I

- 1 Describe : (any two) 14
- (i) Evolution of sporophyte.
- (ii) General characters of Anthocerotopsida.
- (iii) Classification with reasons of Pogonatum.
- 2 Classify with reasons Anthocerotopsida and Bryopsida and describe thallus structure of the following any one type : 14
- (i) Andrea
- (ii) Notothylas.

- 3** Write notes on : (any two) **14**
- (i) Heterospory and seed habit
 - (ii) Telome theory
 - (iii) Economic importance of Pteridophytes.

SECTION - II

- 4** Classify with reasons, thallus structure and reproductive bodies of the following any two types : **14**
- (i) Gleichenia
 - (ii) Adiantum
 - (iii) Pteris.
- 5** Describe : (any two) **14**
- (i) Different types of fossil
 - (ii) Any three useful techniques for fossils.
 - (iii) Detailed study of Zygopteris fossil.
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