



DMM-1551
M. Sc. (Sem. IV) Examination
March / April - 2016
401 - Botany
(Ecology & Environment)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

<p>नीचे दशांशों में निशानों वाली विगतो उत्तरवही पर अवश्य लिखनी। Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : M. Sc. (SEM. 4)</p> <p>Name of the Subject : 401 - BOTANY</p> <p>Subject Code No. : 1 5 5 1 Section No. (1, 2.....): Nil</p>	<p>Seat No. : □ □ □ □ □ □</p> <p style="text-align: center; border: 1px solid black; border-radius: 15px; padding: 10px;">Student's Signature</p>
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(2) Figures to the right indicate full marks of the question.

(3) Draw neat and labelled diagrams wherever necessary

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|---|------------------------------------|----|
| 1 | Describe : | 14 |
| | (a) Evolution of ecosystem | |
| | (b) Types of fresh water (marine). | |
| 2 | Writes notes on : (any two) | 14 |
| | (a) Energy dynamics | |
| | (b) Global bioecochemical cycle S. | |
| | (c) Primary production of ecology. | |
| 3 | Describe : (any two) | 14 |
| | (a) Radiation pollution | |
| | (b) Global warming | |
| | (c) Environmental law. | |

- 4 Writes notes on : (any two) 14
- (a) Concept of species
 - (b) Germplasm bank
 - (c) Endangered flora of India
- 5 Describe : (any two) 14
- (a) Significance of biodiversity
 - (b) In-situ conservation
 - (c) Greenhouse effect.
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