



AC-1551
M. Sc. (Sem. IV) Examination
April / May - 2015
Botany : Paper - 401
(Ecology & Environment)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

<p>नीचे दशांशके निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : M. Sc. (Sem. IV)</p> <p>Name of the Subject : Botany : Paper - 401</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 questions.
(3) Draw neat and labeled diagrams wherever necessary.

- Q-1. Describe: (24)
1. Marine and terrestrial ecosystems.
2. Food chain and food web.
3. Ex-situ conservation.
- Q-2. Write notes on :- (Any two) (16)
1. Biogeochemical cycle of c and N.
2. Structure and functions of Ecosystem organization.
3. Difference between plant community and vegetation.
- Q-3. Describe: (Any two) (16)
1. Global warming.
2. Greenhouse effects.
3. Causes and effects of pollution.
- Q-4. Attempt any two of the following: (14)
1. Environmental lows in India.
2. Ecological Niche.
3. IUCN Red data books.