



SE-3685

M. Sc. (Sem. IV) (Integrated Biotechnology)

Examination

April / May – 2011

IBT- 405 : Environmental Biology

Time : 3 Hours]

[Total Marks : 70

Instructions :

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination : M. Sc. (Sem. 4) (Integrated Biotechnology)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Name of the Subject : IBT- 405 : Environmental Biology	<input type="text"/> Student's Signature
Subject Code No. : <input type="text" value="3"/> <input type="text" value="6"/> <input type="text" value="8"/> <input type="text" value="5"/> Section No. (1, 2,.....) : <input type="text" value="NIL"/>	

2. Figures to the right indicate full marks.
3. Draw neat and labelled diagrams wherever necessary.

Q-1: Explain Any Two: (18)
(a) Define ecosystem. Give the structure and functional aspects of an ecosystem.
(b) What do you mean by term ecological pyramids? Explain with examples.
(c) Cycling of carbon in ecosystem.

Q-2: Attempt Any Two: (18)
(a) Characteristics feature of marine ecosystem.
(b) Ecological succession.
(c) Biology of extreme environment: Deep Sea.

Q-3: Explain in detail Any Two: (18)
(a) Define pollution. How to control environmental pollution?
(b) Causes, effects and control of urban wastes.
(c) Radioactive pollution.

Q-4: Explain in detail Any Two of the following: (16)
(a) Biodiversity and its conservation.
(b) Concept of sustainable development.
(c) Habitat loss and poaching of life as threats to biodiversity.
(d) Endangered species of India.