

AC-1551

M. Sc. (Sem. IV) Examination

April / May - 2015

Botany: Paper - 401

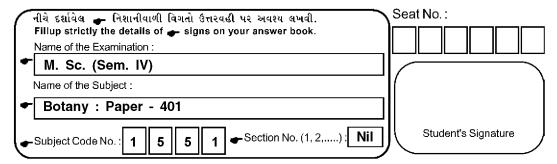
(Ecology & Environment)

Time: 3 Hours]

[Total Marks: 70

Instructions:

(1)



- (2) Figures to the right inidicate full marks of the quesitons.
- (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.