

2019

Time : 2 hours

Full Marks : 40

Answer all questions

*The figures in the right-hand margin indicate marks**Candidates are required to answer in their own words
as far as practicable*

Draw neat labelled diagrams wherever necessary

(ECOLOGY AND BIOSTATISTICS)

1. What is community? Explain how species interaction influences community structure? 14

Or

Write notes on any two of the following : 7 × 2

- (i) Ecological succession
(ii) Classification of ecosystem
(iii) Liebig's law of minimum

2. Give a detail account of Waste management and Bioremediation. 13

Or

Write notes on any two of the following : $6\frac{1}{2} \times 2$

- (i) Water pollution
(ii) Environmental education and awareness
(iii) Climate change.

3. Enumerate the characteristic of analysis of variance ratio test. 13

Or

Write notes on any two of the following : $6\frac{1}{2} \times 2$

- (i) Poisson distribution
(ii) Goodness of fit
(iii) Paired 't' test.