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BSS 503

Third Semester M.Sc. Degree Examination, December 2018
(Choice Based Credit System)
BIOSCIENCES
Applied Ecology

Time : 3 Hours

Max. Marks : 70

1. Write a short note on **any four** of the following (**not** exceeding **2** pages **each**) : **(4×4=16)**
- Eutrophication
 - Biodiversity hotspots of India
 - Vegetation mapping
 - Fin fish culture
 - k-selection and r-selection
 - Age and growth.

Write explanatory notes on **any five** of the following (**not** exceeding **4** pages **each**) : **(5×6=30)**

- Plant-animal interactions.
- Biodiversity of eastern Himalayas.
- Seaweed culture.
- Energy budgets.
- Allometry.
- Wildlife conservation.
- Integrated pest management.

Answer **any two** of the following (about **8** pages **each**) : **(2×12=24)**

- Describe various types of forests and their distribution with reference to western ghats.
 - Give detailed account on conservation and management of aquatic wildlife.
 - Write an account on characteristics of population ecology.
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