

Reg. No.

--	--	--	--	--	--	--	--	--	--



BSS 505

III Semester M.Sc. Examination, December 2018
(Choice Based Credit System)
BIOSCIENCES
Ecotoxicology

Time : 3 Hours

Max. Marks : 70

1. Write short notes on **any four** of the following (**not exceeding 2 pages each**) : **(4×4=16)**
- a) Neurotoxicity
 - b) Bioassay
 - c) Asbestos
 - d) Haze
 - e) Dioxins
 - f) Carbamates.

Write explanatory notes on **any five** of the following (**not exceeding 3 pages each**) : **(5×6=30)**

- 2. Endocrine disruptors.
- 3. Role of glutathione in detoxification.
- 4. Pollutants and acid rain.
- 5. Toxicities of tobacco.
- 6. Impact of lead on environment and metabolism.
- 7. Biomagnification with a case study.
- 8. Ecotoxicology of fungicides.

Answer **any two** of the following (not exceeding **8 pages each**) : **(2×12=24)**

- 9. Write an essay on toxic risk assessment focussing on methods, monitoring and surveillance.
 - 10. Give an account on toxicity of petroleum and petroleum products.
 - 11. Explain poisoning and treatment of organophosphates.
-