

PGIVS 1588 A-16
M.Sc. IVth Semester (CBCS) Degree Examination
Biotechnology
(Environmental Biotechnology)
Paper : SCT - 4.1

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

1. Section 'A' has all compulsory questions
2. Answer B & C sections as per instructions.

Section - A**(10×2=20)**

Answer the following :

1. Biofilm
2. Rhizobium
3. Gene bank
4. Odorous compounds
5. Ecosystem
6. Biological treatment of water
7. Sludge blanket
8. Radio active pollutants
9. Macrophytes
10. Renewable energy

Section - BWrite any **four** of the following :**(4×6=24)**

11. Describe the pollution of milk
12. Explain substituted hydrocarbons
13. Write an account on Bioaugmentation

14. Explain the genetic testing
15. Treatment of water from dairy industry
16. Write an account on organic farming

Section - C

Answer any **three** of the following :

(3×12=36)

17. Describe in detail about water as a natural resource & its management.
18. Explain the method of vermicomposting.
19. Write an account on Genemutation
20. Explain the role of microbes in decay & degradation of Biomass.