

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(BT) (2013 to 2017) (Sem.-5)
ENVIRONMENTAL BIOTECHNOLOGY
Subject Code : BSBT-305
Paper ID : [F0224]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A**Q.1 Define :**

- i) Xenobiotic
- ii) Biofilters
- iii) Effluent
- iv) Sewage
- v) BOD
- vi) Tertiary Treatment
- vii) MPN
- viii) Pollutant
- ix) Trickling Filters
- x) UASB

SECTION-B

- Q.2 Write about Sources of Solid Waste.
- Q.3 How are Water Pollution levels measured?
- Q.4 Write a note on Phytoremediation.
- Q.5 What is Cometabolism? Discuss.
- Q.6 Write a note on Types of recalcitrant Xenobiotics.

SECTION-C

- Q.7 Elaborate on Parameters of Water Quality and methods of analysis.
- Q.8 Deliberate on hazards from Xenobiotic compounds and mechanisms of Hydrocarbon Degradation.
- Q.9 Discuss different methods for Wastewater treatment.