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Paper Code : DSC-107

Roll No.

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B.Sc. (ZBC)-5
1st Year Examination, Calendar Batch 2017
Botany-I (Microbes Fungi & Cryptogams)

Time : 3 Hours]

[Max. Marks : 100

*Note. Attempt any **Five** questions. All questions carry equal marks.*

- Q.1** Describe the phenomenon of heterothallism?
- Q.2** What do you mean by virus? Explain the general characteristics, chemistry and microstructure of virus.
- Q.3** Describe the ultra structure of the yeast cell?
- Q.4** Explain the asexual reproduction in *Albugo*.
- Q.5** Explain the economic importance of bacteria with example.
- Q.6** Describe the structure and reproduction of *Mycoplasma*.
- Q.7** Describe the Process of transduction in bacteria?
- Q.8** Give a detail role of fungi in agriculture with the help of illustration?