



Answer any two questions

Time: 01 hrs

1. (a). What is Lysogeny?
(b). What are the prominent features of Lysogenic cycle?
2. (a). Describe the conjugation method of bacterial genetic transfer
(b). Explain the importance of this process?
3. Write short notes on any two of the following.
 - (a). Gram staining of bacteria
 - (b). Endospores.
 - (c). DNA studies in the classification of bacteria.
4. (a). What do you understand by "control of microorganisms"?
(b). Describe briefly different methods available for controlling the microorganisms