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Roll No

BP-303 T (CBGS)

B.Pharm., III Semester (PCI Scheme)

Examination, May 2018

Choice Based Grading System (CBGS)

Pharmaceutical Microbiology

Time : Three Hours

Maximum Marks : 75

- Note: i) Attempt any five questions.
ii) All questions carry equal marks.

- Write short notes on:
 - Culture media
 - Isolation methods of pure culture
 - Cultivation of anaerobes
- How can we evaluate the efficacy of sterilization methods? Describe the sterilization indicator and steam sterilization method in detail.
- Differentiate bacteria and viruses on the basis of morphology, classification and reproduction.
- Write a detail method for the standardization of the vitamin B₁₂.
- Describe the method for the sterility testing of solids and ophthalmic dosages forms as per IP.

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PTO

- Classify the preservatives on the basis of chemical structure. Discuss the evaluation of microbial stability of formulations.
- Write short notes on the following:
 - Assessment of new antibiotics
 - Reproduction and cultivation of fungi