

Code: 9R01502

R09

B.Pharm III Year I Semester (R09) Supplementary Examinations June 2017

PHARMACEUTICAL MICROBIOLOGY

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 Write an essay on the contributions of Antony Van Leeuwenhoek and Pasteur.
- 2 Write a note on the pharmaceutical significance of fungi and bacteria.
- 3 Describe various types of nutrient media.
- 4 Briefly describe the microbial limit test official in IP.
- 5 Outline the official methods of sterility testing of pharmaceuticals.
- 6 Describe chemical & physical mutagens and add a note on antibiotic resistant mutants.
- 7 Explain the epidemiology of bacillary dysentery.
- 8 (a) Outline the applications of antibiotics.
(b) Write a short note on 'genetic engineered products.

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