

CODE NO: 1173

FACULTY**B. Pharmacy 2/4 I Semester (Suppl) Examination, May 2018****Subject: Pharmaceutical Microbiology****Time: 3 Hrs****Max. Marks: 70****Note: Answer All Questions. All Questions carry Equal Marks.**

1. a) Explain in detail abt classification of microbes and their eneral morphology 14
OR
b) Explain in detail abt identification of bacteria with emphasis to stainin techniques. 14
- 2) a) What are mutations? Explain abt the Types of mutations? Explain in detail abt chemical mutaenesis. 14
OR
b) Write the differences between simple stainin and neative stainin. Explain in detail abt ram stainin technique. 14
- 3) a) Explain in detail abt sterilization methods. 14
OR
b) Explain in detail abt Tyndalization. Pasteurization, and Incineration 14
- 4) a) What are seroloical reactions? Explain in detail abt radioimmunoassay and alutination reactions. 14
OR
b) Explain abt Phaocytosis and hypersensitivity reactions 14
- 5) a) Write in detail abt Causative oranism, Mode of transmission, pathoenesis, symptoms, dianosis, treatment, prevention and control of Poliomyelitis or cholera. 14
OR
b) Write in detail Causative oranism, Mode of transmission, pathoenesis, symptoms, dianosis, treatment, prevention and control of Diphtheria or infective hepatitis. 14
