

Faculty of Science
B.Sc. III Year, V-Semester (Practical) Examination, 2018

Subject: Pharmaceutical Microbiology

QUESTION BANK

Time: 2 hours

Max. Marks: 25

Note: Each candidate has to perform one experiment and four spotters.

I. Experiment Question.

(Marks 12x1= 12)

1. Test and standard samples are provided to you. Perform Phenol coefficient test and report the activity of disinfectant. Demonstrate your observation.
2. Estimate the concentration of antibiotic in the given solution using appropriate assay. (antibiotic solution is provided to you).
3. Write the principle of microbiological tube assay and interpret your result by taking OD values of incubated tubes. Incubated tubes are provided to you with labelling.

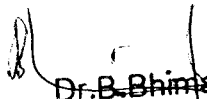
II. Specimen for Spotting

(Marks 2x4= 8)

4. Phenol coefficient set up along with standard
5. Disc diffusion plate
6. Well diffusion plate
7. Antibiotic disc
8. Penicillin antibiotic with label
9. Streptomycin antibiotic with label
10. Agar tube assay set up
11. Colorimeter

III. Record

(Marks 5)


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