



61305

**First P.B. B.Sc. Nursing Examination, Summer 2018**  
**MICROBIOLOGY**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

**SECTION - A & SECTION - B**

**Instructions :** 1) Use blue/black ball point pen only.

2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

3) All questions are compulsory.

4) The number to the right indicates full marks.

5) Draw diagrams wherever necessary.

6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

7) Use a common answerbook for all Section.

**SECTION - A (40 Marks)**

1. Short answer question (any five out of six) : (5×5=25)

a) Enriched media with example.

b) Universal safety precautions.

c) IgG immunoglobulins.

d) Lab diagnosis of Tuberculosis.

e) Pathogenicity of staphylococcus aureus.

f) Methods of cultivation of Viruses.

2. Long answer question (any one out of two) : (1×15=15)

a) Define sterilization and Disinfection. Classify methods of sterilization. Write short note on Autoclave.

b) What are opportunistic mycoses ? Describe the pathogenesis and Lab diagnosis of Candidiasis.

P.T.O.