SMMPP'S NASHIK F-2900 GANPATRAO PADOLE COLLEGE OF NURSING NASHIK

[Total No. of Pages : 2

61305

First P.B.B.Sc. Nursing Examination, Summer - 2023 (Phase - III)

MICROBIOLOGY

Total Duration : 3 Hours | Total Marks : 75

Instructions : 1) *Use **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 answer book for all sections.*

SECTION - "A" (40 Marks)

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

a) Standard safety precautions.

b) Bacterial Capsule.

c) Define carrier. Explain different types with examples.

d) Write characteristics of good disinfectant.

e) Pathogenicity of staphylococcus.

f) Type I Hypersensitivity reaction - Anaphylaxis.

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

a) Define Sterilization and Disinfection. Enumerate methods of sterilization Describe uses, structure, functioning of Autoclave.

b) Describe different modes of transmission of infection. Enumerate organisms causing Urinary tract infection. Describe collection of specimen for urine culture.

SECTION - "B" (35 Marks)

3. Short answer question (**any four** out of **five**) : [4 × 5 = 20]

   a) Contribution of Louise Pasteur to microbiology.

   b) IgG immunoglobuline.

   c) Bacterial growth curve.

   d) Factors Affecting Bacterial Growth.

   e) Life cycle of Ancylostma duodenale (Hook worm).

4. Long answer question (**any one** out of **two**) : [1 × 15 = 15]

   a) Define Biomedical Waste Explain in detail about Biomedical Waste Management Role of a nurse in Biomedical Waste Management.

   b) i) Define and classify immunity.

      ii) Write differences between Active and Passive immunity.

      iii) Describe National Immunization schedule.

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