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Second Basic B.Sc. Nursing Examination, Winter 2020  
PHARMACOLOGY, PATHOLOGY & GENETICS

Total Duration : Section A+B+C = 3 Hours

Total Marks : 75

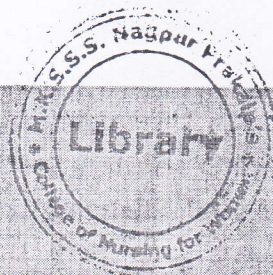
**SECTION - A & SECTION - B & SECTION - C**

- 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 sections.

**SECTION - "A" (40 Marks)**

**Pharmacology**

1. Short answer question (any five out of six) : [5 × 5 = 25]
- a) Define adverse drug reaction and write a note on teratogenicity.
  - b) Write management of organophosphorus compound poisoning.
  - c) Write therapeutic uses of antipsychotics and its nursing implications.
  - d) What are the routes and principles of drug administration.
  - e) Define antiseptic and disinfectant with example.
  - f) Write advantages and disadvantages of parenteral route of drug administration.



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2. Long answer question (any one out of two) :

[1 × 15 = 15]

- a) Classify penicillins. Write therapeutic uses and adverse effects of penicillin.  
G. What are the nursing implications while administering penicillin.
- b) Discuss hormonal contraceptive. Write adverse effects and contraindications of oral combined pills. What are the nursing implications.

**SECTION - "B" (29 Marks)**

**Pathology**

3. Short answer question (any four out of five) :

[4 × 5 = 20]

- a) Define Necrosis. Enumerate types and explain in detailed any one.
- b) Differentiate between benign and malignant tumours.
- c) Describe a role of a nurse in collection of Pap smear.
- d) Universal safety precautions.
- e) Describe complications of wound healing.

4. Long answer question (any one out of two) :

[1 × 9 = 9]

- a) Give the laboratory investigations in diabetes mellitus.
- b) Define inflammation. Describe vascular events in inflammation.

**SECTION - "C" (06 Marks)**

**Genetics**

5. Short answer question (any two out of three) :

[2 × 3 = 06]

- a) Steps of Genetic counselling.
- b) Gene therapy.
- c) Down syndrome.