



62603

**Second Basic B.Sc. Nursing Examination, Summer 2018**  
**PHARMACOLOGY, PATHOLOGY AND GENETICS**

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

Total Marks : 75

- 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) Write advantages and disadvantages of oral route of drug administration
  - b) Write therapeutic uses of adrenaline.
  - c) Write names of five antiemetic drugs. Write mechanism of action and adverse effects of any one of them.
  - d) Write a short note on oral contraceptives
  - e) Write uses and adverse effects of opioid drugs
  - f) Enumerate iron preparations and write indications for parenteral iron therapy.
  
2. Long answer question (**any one** out of two) : **(1×15=15)**
  - a) Classify antihypertensive drugs. Write mechanism of action and adverse effects of any one of them along with nursing responsibilities in management of hypertensive patient.
  - b) Enumerate anti malarial drugs. Write mechanism of actions, uses and adverse effects of chloroquine. Write nursing responsibilities in management of malaria patient.

P.T.O.



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

3. Short answer question (**any four** out of five) : **(4×5=20)**
- a) Define granuloma. Describe the microscopic feature.
  - b) Define cirrhosis. Classify it.
  - c) Discuss pathological features of diabetic nephropathy.
  - d) Mention the factors affecting wound healing.
  - e) Mention the gross and microscopic features of uterine leiomyoma.
4. Long answer question (**any one** out of two) : **(1×9=09)**
- a) Classify breast tumours. Describe gross and microscopic features of infiltrating duct cell carcinoma.
  - b) Define embolus. Enumerate different types of emboli. Write in brief about air embolism.

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

5. Short answer question (**any two** out of three) : **(2×3=06)**
- a) Sex Chromatin
  - b) Amniocentesis
  - c) Autosomal Recessive inheritance
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