

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

[1 × 15 = 15]

- a) Discuss pharmacotherapy of peptic ulcer.
- b) Classify anti-anginal drugs. Explain in brief mechanism of action, adverse effects and therapeutic uses of nitrates.

SECTION - B (29 Marks)

Pathology

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

[4 × 5 = 20]

- a) Define Inflammation. Describe cardinal signs and vascular events of acute inflammation.
- b) Define Gangrene. Mention the differences between dry gangrene and wet gangrene.
- c) Describe Amoebic liver abscess-etiology, pathogenesis, clinical features and complications.
- d) Enumerate CSF findings in Pyogenic meningitis.
- e) Describe clinical features and peripheral smear findings in Megaloblastic anaemia.

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

[1 × 9 = 9]

- a) Describe etiology, pathology and spread of Carcinoma cervix.
- b) Define Peptic ulcer. Give etiology, pathology and differences between Duodenal and peptic ulcer.

SECTION - C (06 Marks)

Genetics

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

[2 × 3 = 6]

- a) Role of Nurse in Genetics.
- b) Genetics in Hemoglobinopathies.
- c) Down's Syndrome.





**Second Basic B.Sc. Nursing Examination, Summer
(Phase - III : All Other Remaining UG/PG Courses) - 2020
PHARMACOLOGY, PATHOLOGY & GENETICS**

Total Duration : 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 answer book for all sections.

SECTION - A (40 Marks)

Pharmacology

1. Short answer question (any five out of six) [5 × 5 = 25]
- a) Explain first pass metabolism and its clinical significance.
 - b) Write therapeutic uses of adrenaline and its congeners.
 - c) Write a note on lepra reaction.
 - d) Enumerate oral and parenteral iron formulations. Discuss indications for iron therapy.
 - e) Write therapeutic uses of morphine and its congeners. *Consequences ✓*
 - f) Write adverse effects of glucocorticoids.