

NURSB - 1762 - PHARMACO PATHO & GENETIC - TP1 (FEBRUARY-2010)_FEBRUARY-10 (APR-10).doc

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Feb 2010

Time: Three Hours

Max. Marks: 75 Marks

Pharmacology, Pathology & Genetics (RS – 2)

Q.P. CODE: 1762 & 1763

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

Use separate answer books for section A and section B

Q.P. Code: 1762 – Section A – PHARMACOLOGY (38 Marks)

LONG ESSAYS (Answer any one)

1 x 10 = 10 Marks

1. Classify NON-OPIOID ANALGESICS (NSAID'S). Discuss the mechanism of action, therapeutic uses and adverse effects of ASPIRIN.
2. Classify ADRENERGIC drugs. Discuss the therapeutic uses, adverse effects and contraindications of ADRENALINE.

SHORT ESSAYS (Answer any four)

4 x 5 = 20 Marks

3. Oral Contraceptive Pills for women.
4. Therapeutic uses and adverse effects of TETRACYCLINES.
5. Lignocaine (Xylocaine).
6. Diazepam.
7. Purgatives.

SHORT ANSWERS

4 x 2 = 08 Marks

Mention one therapeutic use (clinical condition) & one important adverse effect of the following

8. Name four Antiviral drugs.
9. Name four Teratogenic drugs.
10. Name four Plasma expanders.
11. Mention four drugs used for the treatment of status asthmatic (Acute severe asthma).

Q.P. Code: 1763 – Section B – PATHOLOGY (25 Marks)

Use separate answer book

LONG ESSAYS (Answer any one)

1 x 10 = 10 Marks

1. Define oedema. Mention various types of oedema. Discuss pathogenesis of renal oedema.
2. Define Pneumoconiosis. Describe etiopathogenesis and morphology of Silicosis.

SHORT ESSAYS (Answer any three)

3 x 5 = 15 Marks

3. Aschoff nodule.
4. Ulcerative colitis.
5. Gross and microscopy of gastric carcinoma.
6. Histamine.

GENETICS (12 Marks)

SHORT ANSWERS

6 x 2 = 12 Marks

7. Centromere.
8. Characteristics of X linked dominant inheritance.
9. Name four maternal infections affecting foetal growth.
10. Down's syndrome- Karyotype and four features.
11. Name the invasive techniques used for prenatal diagnosis.
12. Name four nongenetic causes of spontaneous abortion.
