

NURSB - 1762 - PHARMACO PATHO & GENETIC - TP1 (AUGUST-2009)_AUGUST-09 (OCT-09).doc

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Aug / Sept 2009

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. Enumerate routes of drug administration with examples. Mention the advantages and disadvantages of IV Route
2. Classify analgesics. Mention the pharmacological actions, therapeutic uses and adverse effects of morphine

SHORT ESSAYS (Answer any four)**4 x 5 = 20 Marks**

3. Diazepam
4. Xylocaine
5. Frusemide
6. Heparin
7. How do you prepare 500 ml of 5% glucose solution? Mention its uses

SHORT ANSWERS**4 x 2 = 08 Marks**

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

8. Oxytocin
9. Propanolol
10. Nifedipine
11. Streptokinase

Q.P. Code: 1763 – Section B – PATHOLOGY (25 Marks)**Use separate answer book****LONG ESSAYS (Answer any one)****1 x 10 = 10 Marks**

1. What is wound healing? Describe fracture healing
2. Describe the etiopathology and complications of tuberculosis

SHORT ESSAYS (Answer any three)**3 x 5 = 15 Marks**

3. Peptic ulcer
4. Ectopic gestation
5. Blood grouping
6. Semen analysis

GENETICS (12 Marks)**SHORT ANSWERS****6 x 2 = 12 Marks**

7. Explain any two types of chromosomes
8. How many chromosomes are present in somatic cells and in gametes of humans?
9. Name any three prenatal diagnosis procedures
10. Define chromosomal aberrations
11. Name any two achievements after fertilization
12. Name any three clinical features present in Down's Syndrome (Trisomy-21)?
