

NURSB - 1762 - PHARMACOLOGY PATHOLOGY GENETICS - TP1 (AUGUST-2010)_AUGUST-10 (OCT-10).doc

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours

Max. Marks: 75 Marks

Pharmacology, Pathology & Genetics (RS-2 & RS-3)

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 antihypertensive agents. Describe the mechanism of action, uses and adverse effects of angiotensin converting enzyme inhibitors
2. Enumerate macrolide antibiotics. Describe the uses, adverse effects and spectrum of action of Azithromycin

SHORT ESSAYS (Answer any four)

4 x 5 = 20 Marks

3. Biotransformation
4. Expectorant
5. Management of diabetic ketoacidosis
6. Digoxin
7. Dapsone

SHORT ANSWERS

4 x 2 = 08 Marks

8. Mention four adverse effects of tetracycline
9. Pharmacological basis of N acetyl cysteine in paracetamol poisoning
10. Mention two antipsychotic drugs and their two adverse effects
11. Mention four inhalational general anesthetic agents

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

Use separate answer book

LONG ESSAYS (Answer any one)

1 x 10 = 10 Marks

1. Discuss normal cell cycle. Write in brief about cutaneous wound healing and its complications
2. Mention the methods of collection of cerebrospinal fluid and laboratory tests used in the analysis

SHORT ESSAYS (Answer any three)

3 x 5 = 15 Marks

3. Describe the different laboratory methods of hemoglobin estimation
4. Causes of cirrhosis. Brief about pathogenesis of alcoholic liver disease
5. Tuberculosis
6. Define neoplasia. Write difference between benign and malignant tumours

GENETICS (12 Marks)

SHORT ANSWERS

6 x 2 = 12 Marks

7. Inheritance pattern in autosomal disorders
8. Mention four X – linked recessive disorders
9. Enumerate four major features of Down's syndrome
10. Give four examples for multifactorial disorders
11. Mention four abnormalities in Edwards syndrome
12. Mention two laboratory tests used in genetics
