

Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination – July 2008

Time: 3 Hrs.

[Max. Marks : 100]

GENERAL PATHOLOGY & MICROBIOLOGY (RS & RS2)

Your answer shall be specific to question asked. Draw neat and labelled diagrams wherever necessary. **Use separate answer books for section A and section B.**

QP Code: 1155 - Section A - GENERAL PATHOLOGY [50 Marks]

LONG ESSAY

1 X 10 = 10 Marks

1. Define Neoplasia. Tabulate the differences between benign and malignant neoplasms. Enumerate the routes of spread of tumours

SHORT ESSAY

5 X 5 = 25 Marks

2. Laboratory investigations in folic acid deficiency anemia
3. Complications of diabetes mellitus
4. Warthins tumour
5. Spleen in amyloidosis
6. Metastatic calcification

SHORT ANSWERS

5 X 3 = 15 Marks

7. Clinical features of vitamin A deficiency
8. List the cardinal signs of inflammation and give the mechanism of production of each sign
9. List the diseases transmitted by blood transfusion
10. List the factors which delay healing of fracture
11. Clinical features of acute leukemia

QP Code: 1156 - Section B – MICROBIOLOGY [50 Marks]

Use separate answer book

LONG ESSAY

1 X 10 = 10 Marks

1. Discuss in detail the pathogenicity and laboratory diagnosis of Corynebacterium diphtheriae

SHORT ESSAY

5 X 5 = 25 Marks

2. Candida albicans
3. Anaphylaxis
4. Enrichment media
5. Entamoeba histolytica
6. Mc Intosh-Filde's jar

SHORT ANSWERS

5 X 3 = 15 Marks

7. Bacterial toxins
8. VDRL test
9. Bacterial flora of the oral cavity
10. Immunoglobulin M
11. Hepatitis B virus

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GENERAL AND DENTAL PHARMACOLOGY (RS & RS2)

QP Code: 1157

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

LONG ESSAY

2 X 10 = 20 Marks

1. Classify antituberculosis drugs. Discuss the chemotherapeutic actions and adverse effects of any two. Mention one standard regimen for treatment of pulmonary tuberculosis
2. Classify NSAIDS. Discuss the pharmacological actions, adverse reactions and therapeutic uses of aspirin

SHORT ESSAY

6 X 5 = 30 Marks

3. Benzodiazepines
4. Broad spectrum penicillins
5. Calcium channel blockers
6. Plasma expanders
7. Newer insulins
8. Haematinics

COMPARE AND CONTRAST

4 X 5 = 20 Marks

9. Salmeterol and Budesonide
10. Metoclopramide and Hyoscine
11. Hydrocortisone and Dexamethosone
12. Succinyl choline and Pancuronium

SHORT ANSWERS

10 X 3 = 30 Marks

13. Pentazocine
14. Lignocaine
15. Transdermal route
16. First pass metabolism
17. Bioavailability
18. Uses of gentamicin
19. Adverse effects of chloramphenicol
20. Sodium cromoglycate
21. Vitamin D
22. Atenolol

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HUMAN ORAL ANATOMY & PHYSIOLOGY INCLUDING EMBRYOLOGY & HISTOLOGY (RS & RS2)

QP Code: 1158

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

LONG ESSAY

2 X 10 = 20 Marks

1. Classify oral epithelium and discuss in detail the histology of orthokeratinized epithelium
2. Discuss the morphology of maxillary canine

SHORT ESSAY

10 X 5 = 50 Marks

3. Ameloblast
4. Deglutition
5. Oxytalan fibres
6. Osteodentin
7. Hypercementosis
8. Sharpey's fibers
9. Alveolar bone proper
10. Tome's granular layer
11. Shedding of teeth
12. Triangular ridge

SHORT ANSWERS

10 X 3 = 30 Marks

13. Enamel knot
14. Perikymata
15. Odontoclast
16. Odontoblasts
17. Neural crest cells
18. Striated duct
19. Groove
20. Cingulum
21. Bundle bone
22. Inferior alveolar nerve

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