

Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination - June/July 2009

Time: 3 Hrs.

Max. Marks: 70]

GENERAL PATHOLOGY & MICROBIOLOGY (Old Scheme)

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: 1105 - Section A – General Pathology [45 marks]

LONG ESSAY

1 X 10 = 10 Marks

1. Define Inflammation. Discuss cellular events in acute inflammation

SHORT ESSAY

5 X 5 = 25 Marks

2. Fate of thrombus
3. Laboratory investigation of Megaloblastic anaemia
4. Squamous cell carcinoma
5. Renal complications of diabetes mellitus
6. Classification of acute leukemias

SHORT ANSWERS

5 X 2 = 10 Marks

7. Osteomalacia
8. Transudate
9. Metaplasia
10. List vitamin 'A' deficiency diseases
11. Leukoplakia

QP Code: 1106 - Section B – Micro Biology [25 marks]

Use separate answer book

LONG ESSAY

1 X 10 = 10 Marks

1. Define and classify hypersensitivity reactions. Describe in detail the mechanism of type I hypersensitivity reactions

SHORT ESSAY

3 X 5 = 15 Marks

2. Candida albicans
3. Herpes simplex viruses
4. Lab diagnosis of enteric fever

* * * * *

Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination - June/July 2009

Time: 3 Hrs.

[Max. Marks: 70]

GENERAL & DENTAL PHARMACOLOGY (Old Scheme)

QP Code: 1107

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

LONG ESSAY

2 X 10 = 20 Marks

1. Enumerate various routes of administration of drugs. Discuss the advantages and disadvantages of intravenous route of administration
2. Classify beta blockers. Explain the pharmacological actions, therapeutic uses and adverse effects of Propranolol

SHORT ESSAY

6 X 5 = 30 Marks

3. Vinca alkaloids
4. Hydralazine
5. Dantrolene sodium
6. Topical sulfonamides
7. Cetirizine
8. Nasal decongestants

SHORT ANSWERS

10 X 2 = 20 Marks

9. Name two non-systemic antacids
10. Name two pure antagonists of morphine
11. Mention the mode of action of sodium valproate
12. Mention two disadvantages of Ether
13. Mention the rationale of combining the adrenaline with lignocaine in local anaesthesia
14. Give reason for the use of diuretics in congestive cardiac failure
15. Mention the treatment for anaphylactic shock
16. Mention the mechanism of action of biguanides
17. Give reason for the combination of gentamicin and penicillin in enterococcal endocarditis
18. Name two anti anxiety drugs

* * * * *

Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination - June/July 2009

Time: 3 Hrs.

[Max. Marks : 70]

HUMAN ORAL ANATOMY & PHYSIOLOGY INCLUDING EMBRYOLOGY & HISTOLOGY (Old Scheme)

QP Code: 1108

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

LONG ESSAY

2 X 10 = 20 Marks

1. Enumerate the differences between Keratinized and non keratinized epithelium
2. Discuss the composition and functions of saliva

SHORT ESSAY

6 X 5 = 30 Marks

3. Differences between Deciduous and permanent dentition
4. Curvatures of dentine
5. Formative stage of Amelogenesis
6. Functions of periodontal ligament
7. Haversian system
8. Deglutition

SHORT ANSWERS

10 X 2 = 20 Marks

9. Physical and chemical properties of enamel
10. Intercalated duct
11. Curve of spee
12. Occlusal surface of permanent mandibular second premolar
13. Cusp of carabelli
14. Nerve supply of tongue
15. Cell rests of malassez
16. Contour lines of owen
17. Microtome
18. Contact areas

* * * * *