

Rajiv Gandhi University of Health Sciences

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

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. Discuss viral carcinogenesis

SHORT ESSAY

5 X 5 = 25 Marks

2. Pyogenic Osteomyelitis
3. Eosinophilia
4. Apoptosis
5. Caisson's disease
6. Fracture healing

SHORT ANSWERS

5 X 3 = 15 Marks

7. Peripheral blood picture in the megaloblastic anemia
8. Ghons focus
9. Erythrocyte Sedimentation Rate
10. Caseation necrosis
11. Polycythemia

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

Use separate answer book

LONG ESSAY

1 X 10 = 10 Marks

1. Describe in detail the morphology and pathogenesis of tetanus. Add a note on its prophylaxis

SHORT ESSAY

5 X 5 = 25 Marks

2. Enriched media
3. Bacterial growth curve
4. Transduction
5. HIV – Morphology
6. Innate Immunity

SHORT ANSWERS

5 X 3 = 15 Marks

7. VDRL test
8. Bacterial flagella
9. Elek's gel precipitation test
10. Lactobacilli
11. Nosocomial infection

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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. Enumerate Opioid Analgesics. Discuss the pharmacological actions, adverse effects and contraindications of morphine
2. Classify corticosteroids. Discuss their pharmacological actions, adverse effects and therapeutic uses

SHORT ESSAY

6 X 5 = 30 Marks

3. Ketamine
4. Chlorpromazine
5. Uses and adverse effects of anticholinergic drugs
6. Frusemide
7. Newer insulins
8. Systemic antifungal drugs

COMPARE AND CONTRAST

4 X 5 = 20 Marks

9. Salbutamol and Theophyllin
10. Cimetidine and Ranitidine
11. Ibuprofen and Piroxicam
12. Succinylcholine and Pancuronium

SHORT ANSWERS

10 X 3 = 30 Marks

13. Biotransformation
14. Vitamin D
15. Clarithromycin
16. Zidovudine
17. Promethazine
18. Cyclophosphamide
19. Paracetamol
20. Mummifying agents
21. Antitussives
22. Antacids

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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 mucosa. Write in detail about masticatory mucosa with suitable examples
2. Describe the morphology of mandibular second premolar with emphasis on its varying occlusal pattern

SHORT ESSAY

10 X 5 = 50 Marks

3. Articular disc
4. Inner enamel epithelium
5. Enamel hypoplasia
6. Grooves and sulcus
7. Cementocytes
8. Inter globular dentin
9. Resorptive cells of periodontal ligament
10. Stenson's duct
11. Composition of bone
12. Mastication

SHORT ANSWERS

10 X 3 = 30 Marks

13. Functions of paranasal air sinuses
14. Stellate reticulum
15. Enamel spindle
16. Incremental lines of salter
17. Physical properties of dentin
18. Dental formula
19. Undifferentiated mesenchymal cells
20. Transverse ridge
21. Serous demilune
22. Proximal surfaces

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