

# Rajiv Gandhi University of Health Sciences

II B.D.S Degree Examination – June / July 2011

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 epidemiology, pathogenesis & morphology of primary tuberculosis

### SHORT ESSAY

5 X 5 = 25 Marks

2. Chemotaxis
3. Routes of spread of malignant tumor
4. Leukemoid reaction
5. Packed cell volume
6. Basal cell carcinoma

### SHORT ANSWERS

5 X 3 = 15 Marks

7. Diseases caused by vitamin D deficiency
8. Urinometer
9. Normoblast
10. Special stains for amyloid
11. Sickling test

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

**Use separate answer book**

### LONG ESSAY

1 X 10 = 10 Marks

1. Define dental caries and outline the role of bacteria in the causation of dental caries

### SHORT ESSAY

5 X 5 = 25 Marks

2. Moist heat sterilization
3. Anaphylaxis
4. Gene transfer
5. Nosocomial infections
6. Serum hepatitis

### SHORT ANSWERS

5 X 3 = 15 Marks

7. Triple vaccines
8. Malaria
9. EB virus
10. Leprosy
11. Inclusion bodies

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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 aminoglycoside antibiotics. Write their general pharmacological properties. Mention the therapeutic uses of Gentamicin
2. Classify Non – steroidal anti – inflammatory, analgesic drugs. Write the therapeutic uses, adverse effects and contraindications of aspirin

### SHORT ESSAY

6 X 5 = 30 Marks

3. Dopamine
4. Drug tolerance
5. Oral hypoglycemic drugs
6. Chlorpromazine
7. Ketoconazole
8. Methotrexate

### COMPARE AND CONTRAST

4 X 5 = 20 Marks

9. Succinylcholine and D – tubocurarine
10. Phenobarbitone and diazepam
11. Salbutamol and theophylline
12. Atropine and Scopolamine

### SHORT ANSWERS

10 X 3 = 30 Marks

13. Cardiac toxicity of digoxin
14. Ketotifen
15. Vitamin C
16. Mummifying agents
17. Antacids
18. Acyclovir
19. Desferrioxamine
20. Prazocin
21. Prodrug
22. Astringents

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[Max. Marks: 100]

## 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. Enumerate stages of development of tooth and describe in detail advanced bell stage
2. Describe in detail the differences between deciduous and permanent dentition. Add a note on the importance of primary teeth

#### SHORT ESSAY

**10 X 5 = 50 Marks**

3. Tooth numbering systems
4. Matrix vesicle theory
5. Non keratinocytes
6. Occlusal morphology of mandibular 2<sup>nd</sup> premolar
7. Dentin sensitivity
8. Line angles and point angles
9. Cells of periodontal ligament
10. Age changes in pulp
11. Hypocalcified structures in enamel
12. Cellular cementum

#### SHORT ANSWERS

**10 X 3 = 30 Marks**

13. Reduced enamel epithelium
14. Ligaments of TMJ
15. Interglobular dentin
16. Osteoclast
17. Curve of spee
18. Proximal contacts
19. Nerve supply of maxillary teeth
20. Basement membrane
21. Hematoxylin and eosin
22. Myoepithelial cell

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