

# Rajiv Gandhi University of Health Sciences

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

Time: 3 Hrs.

[Max. Marks : 70]

## GENERAL PATHOLOGY & MICROBIOLOGY (RS3)

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: 1182 - Section A - GENERAL PATHOLOGY [35 Marks]

### LONG ESSAY

1 X 10 = 10 Marks

1. Define diabetes mellitus. Discuss Laboratory diagnosis and complications of diabetes mellitus

### SHORT ESSAY

3 X 5 = 15 Marks

2. Pleomorphic adenoma
3. Peripheral blood smear and bone marrow findings in iron deficiency anemia
4. Hematuria

### SHORT ANSWERS

5 X 2 = 10 Marks

5. Types of metaplasia with examples
6. Four causes for leucocytosis
7. Name hemoparasites
8. Glycosuria
9. List out casts found in urine

QP Code: 1183 - Section B – MICROBIOLOGY [35 Marks]

**Use separate answer book**

### LONG ESSAY

1 X 10 = 10 Marks

1. Classify Streptococci and Describe the pathogenesis and laboratory diagnosis of Strptococcus pharyngitis.

### SHORT ESSAY

3 X 5 = 15 Marks

2. Innate immunity
3. Cultivation of viruses
4. Autoclave

### SHORT ANSWERS

2 X 5 = 10 Marks

5. Articles sterilized in Hot Air Oven
6. Bacterial capsule
7. Mention four zoonotic diseases
8. Koch's postulates
9. Name four viral vaccines

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## GENERAL & DENTAL PHARMACOLOGY AND THERAPEUTICS

(RS-3)

QP Code: 1184

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

### LONG ESSAY

2 X 10 = 20 Marks

1. Classify local anesthetics with examples. Describe the mechanism of action of local anesthetic. Add a note on two types of local anesthesia
2. Enumerate fluoroquinolones. Write the therapeutic uses and adverse effects of ciprofloxacin

### SHORT ESSAY

8 X 5 = 40 Marks

3. Adverse effects of corticosteroids
4. Obtundents
5. Therapeutic uses and adverse effects of atropine
6. Advantages and disadvantages of Halothane
7. Drug antagonism
8. Therapeutic uses and adverse effects of Frusemide
9. Compare and contrast: Adrenaline and dopamine
10. Compare and contrast: Heparin and Dicoumarol

### SHORT ANSWERS

5 X 2 = 10 Marks

11. Mention four uses of acyclovir
12. What is scurvy? Mention a drug used in this condition
13. Rationale of using ethyl alcohol in methyl alcohol poisoning
14. Name two prokinetic drugs. Mention two uses
15. Rationale of using Amlodipine in hypertension

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## DENTAL MATERIALS

(RS-3)

QP Code: 1185

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

### LONG ESSAY

2 X 10 = 20 Marks

1. Classify impression materials. Discuss in detail about irreversible hydrocolloid impression materials
2. Define composite. Classify composite. Discuss briefly about each material.

### SHORT ESSAY

8 X 5 = 40 Marks

3. Luting cements
4. Base plate materials
5. Hygroscopic expansion
6. Composition of ceramics
7. Stress and strain
8. Annealing of gold foil
9. Inlay wax
10. Poly carboxylate cements

### SHORT ANSWERS

5 X 2 = 10 Marks

11. Delayed expansion
12. Pickling solution
13. Denture reliners
14. 18 – 8 wires
15. Dievestment

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