

# Rajiv Gandhi University of Health Sciences

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

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 in detail about phagocytosis

### SHORT ESSAY

5 X 5 = 25 Marks

2. Peripheral and bone marrow picture of megaloblastic anaemia
3. Enumerate difference between Necrosis and apoptosis
4. Fat embolism
5. Congenital syphilis
6. Basal cell carcinoma

### SHORT ANSWERS

5 X 2 = 10 Marks

7. Enumerate 4 examples for Hyperplasia
8. Mention four examples for Granulomatous inflammation
9. Mention four examples for chemical carcinogens
10. Name four types of shock
11. Mention four stains for Amyloid

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

**Use separate answer book**

### LONG ESSAY

1 X 10 = 10 Marks

1. Classify mycobacteria. Describe the pathogenesis, laboratory diagnosis of pulmonary tuberculosis

### SHORT ESSAY

3 X 5 = 15 Marks

2. Precipitation reaction
3. Hepatitis B surface antigen
4. Gaseous disinfectant

\* \* \* \* \*

# Rajiv Gandhi University of Health Sciences

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

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. Classify General anaesthetics. Compare and contrast nitrous oxide and thiopentone
2. Enumerate broad-spectrum antibiotics. Discuss the antibacterial spectrum, uses and adverse effects of tetracyclines

#### SHORT ESSAY

**6 X 5 = 30 Marks**

3. Synthetic morphine substitutes
4. Drugs contraindicated in pregnancy
5. First generation cephalosporins
6. Calcium channel blockers
7. Antiemetics
8. Buprenorphine

#### SHORT ANSWERS

**10 X 2 = 20 Marks**

9. Mention two uses of ciprofloxacin
10. Mention the mode of action of streptomycin
11. Define therapeutic index. Name a drug which has narrow therapeutic index
12. Define prodrug. Give two examples
13. Mention two styptics and their use
14. Atropine is given in organophosphate poisoning. What is the rationale?
15. Mention two adverse effects of INH
16. Mention two plasma expanders
17. Oral rehydration powder
18. Mention two drugs which produce oto toxicity

\* \* \* \* \*

# Rajiv Gandhi University of Health Sciences

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

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. Explain in detail various stages of tooth development
2. Discuss the morphology of maxillary canine

### SHORT ESSAY

6 X 5 = 30 Marks

3. Difference between deciduous dentition and permanent dentition
4. Age changes of enamel
5. Key of occlusion
6. Circumvallate papilla
7. Cemento enamel junction
8. Inferior alveolar nerve

### SHORT ANSWERS

10 X 2 = 20 Marks

9. Vestibular lamina
10. Transparent dentin
11. Sharpey's fibers
12. Mamelon
13. Taste bud
14. Cell rests of malassez
15. Curve of Wilson
16. Osteoblasts
17. Tomes' granular layer
18. Nerve supply to mandibular teeth

\* \* \* \* \*