

Rajiv Gandhi University of Health Sciences, Karnataka

II B.D.S Degree Examination - August 2006

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 thrombosis. Describe the pathogenesis of Thrombus formation. Add a note on fate of a thrombus.

SHORT ESSAY**5 X 5 = 25 Marks**

2. Routes of spread of malignant tumors
3. Oral lesions of congenital syphilis
4. Phagocytosis
5. Endotoxic shock
6. Factors influencing repair

SHORT ANSWERS**5 X 2 = 10 Marks**

7. Primary complex – definition and gross morphology
8. Stains used to demonstrate Amyloid
9. Gaucher's disease – cause and clinical features
10. Metastatic calcification – definition and 2 examples
11. Differences between dry and wet gangrene

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. Describe type I hypersensitivity

SHORT ESSAY**3 X 5 = 15 Marks**

2. McIntosh – Filder's jar
3. Laboratory diagnosis of HIV infection
4. Bacterial growth curve

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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 local anaesthetics with examples. Explain four techniques of local anesthesia with an indication for each.
2. Classify penicillins. Write mechanism of action, uses and adverse effects of ampicillin.

SHORT ESSAY

6 X 5 = 30 Marks

3. Dexamethasone
4. Propranolol
5. Drug antagonism
6. Obtainments
7. Thiopentone sodium
8. Ranitidine

SHORT ANSWERS

10 X 2 = 20 Marks

9. Enlist four fluoroquinolones
10. Mention four aminoglycoside antibiotics
11. Explain why glipizide is not useful in type I diabetes mellitus
12. Explain the mechanism of action of streptokinase
13. Explain the mechanism of action of phenytoin sodium
14. Explain the rationale for the use of pyridoxine with isoniazid in tuberculosis
15. Name four antihypertensive agents
16. Mention two advantages and two disadvantages of oral route of drug administration
17. Mention two uses and two adverse effects of thiazide diuretics
18. Name four haemostatics

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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. Discuss the microscopic structure of enamel.
2. Enumerate the morphological differences between the permanent maxillary and mandibular canine.

SHORT ESSAY

6 X 5 = 30 Marks

3. Hydrodynamic theory
4. Cemento-Enamel junction
5. Principal fibers of periodontal ligament
6. Cap stage
7. Dento-Gingival Junction
8. Muscles of mastication

SHORT ANSWERS

10 X 2 = 20 Marks

9. Stratum granulosum
10. Natal and neonatal teeth
11. Cingulum
12. Transeptal fibers
13. Resting lines and reversal lines
14. Sub odontoblastic capillary plexus
15. Functions of maxillary sinus
16. Palmar system of notation
17. Lamina dura
18. Odontoblast

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