



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. Discuss in detail the etiopathogenesis and Fate of thrombus.

SHORT ESSAY

5 X 5 = 25 Marks

2. Granuloma.
3. Metastasis (Spread of tumours)
4. Dysplasia.
5. Haemophilia.
6. Erythrocyte sedimentation Rate (ESR)

SHORT ANSWERS

5 X 2 = 10 Marks

7. Examples of mesenchymal tumours.
8. Four causes of Aplastic anemia.
9. Name four of Oncogenic DNA virus.
10. Four types of fibril proteins in amyloid.
11. Four causes of fatty change.

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

Use separate answer book

LONG ESSAY

1 X 10 = 10 Marks

1. Define and classify sterilization. Discuss in detail the moist heat sterilization

SHORT ESSAY

3 X 5 = 15 Marks

2. Oral thrush
3. Laboratory diagnosis of pulmonary TB
4. Prophylaxis of rabies

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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. Enumerate adrenergic drugs. Compare and contrast adrenaline and dopamine in detail
2. Enumerate Angiotensin converting enzyme inhibitors. Discuss the actions, adverse effects and uses of enalapril

SHORT ESSAY

6 X 5 = 30 Marks

3. Metronidazole
4. Therapeutic uses of skeletal muscles relaxants
5. Discuss short course treatment of tuberculosis
6. Antiemetics
7. Pentazocine
8. Pharmacogenetics

SHORT ANSWERS

10 X 2 = 20 Marks

9. Pharmacokinetics
10. Drug Tolerance
11. Action of amitriptyline and its use
12. Mention two anti coagulants
13. Mention one oral and one parenteral iron preparation
14. By what route thiopentone is given
15. Mention two drugs given by inhalation
16. Mention two drugs given for streptococcal sore throat
17. Mention two antiviral agents and their use
18. Mouth wash: Two examples and uses

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Time: 3 Hrs.

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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. Describe in detail the histology of periodontal ligament
2. Discuss the morphology of mandibular first molar

SHORT ESSAY

6 X 5 = 30 Marks

3. Muscles of mastication
4. Functions of maxillary sinus
5. Circumvallate papilla
6. Hypercementosis
7. Enamel lamella
8. Meckel's cartilage

SHORT ANSWERS

10 X 2 = 20 Marks

9. Striae of Retzius
10. Tomes' granular layer
11. Melanocytes
12. Groove
13. Cingulum
14. Sharpey's fibres
15. Alveolar bone proper
16. Enamel knot
17. Myoepithelial cells
18. Sclerotic dentin
