



Time: 3 Hrs.

[Max. Marks : 70]

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 dental cements describe briefly setting reaction and manipulation of each cement.
2. Classify denture base resins. Write in detail about heat cure resins

SHORT ESSAY

8 X 5 = 40 Marks

3. Posterior composites
4. Gelation of irreversible hydrocolloids
5. Dental burs and their functions
6. Thermophysical properties of dental materials
7. Dental implant materials
8. Porosity in denture base resins
9. Dentin bonding agents
10. Glass ionomer cements

SHORT ANSWERS

5 X 2 = 10 Marks

11. Epoxy die materials
12. Tin foil substitutes
13. Preamalgamated alloys
14. High copper alloys
15. Amalgamator

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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 neoplasia. Enumerate the differences between benign and malignant tumours.

SHORT ESSAY

3 X 5 = 15 Marks

2. Peripheral smear in CML
3. I T P
4. Fatty change

SHORT ANSWERS

5 X 2 = 10 Marks

5. Clotting time.
6. Brown induration
7. Apoptosis
8. Causes of haematuria
9. Differences between dry and wet gangrene.

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

Use separate answer book

LONG ESSAY

1 X 10 = 10 Marks

1. Classify clostridia write about the morphology, cultural characters. Add a note on prophylaxis of tetanus.

SHORT ESSAY

3 X 5 = 15 Marks

2. Rhinoporiidiosis
3. Hot Air oven
4. Erythrocytic shizogony

SHORT ANSWERS

2 X 5 = 10 Marks

5. Streptococcus mutans
6. Transduction
7. Herpes simplex type I infections
8. Name 2 functions of Ig M
9. Dark field microscope

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Time: 3 Hrs.

[Max. Marks : 70]

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 the Glucocorticoids. Discuss their adverse effects and therapeutic uses
2. Define a mouth wash. Briefly explain the different types of mouth washes with their current status in clinical practice

SHORT ESSAY

8 X 5 = 40 Marks

3. Dopamine
4. Obtundents
5. Metronidazole
6. Metoclopramide
7. Methotrexate
8. Antiplatelet drugs
9. Drug antagonism
10. Diazepam

SHORT ANSWERS

5 X 2 = 10 Marks

11. Heparin and warfarin
12. Salbutamol and theophylline
13. Furosemide and spironolactone
14. Succinyl choline and pancurolium
15. Captopril and losartan

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