

**POST-DOCTORAL DEGREE EXAMINATION – AUGUST 2021
M.Ch. PLASTIC AND RECONSTRUCTIVE SURGERY**

Time: 3 Hours

Max. Marks: 100

**PAPER – I
Basic Science and General Aspects of Plastic &
Reconstructive Surgery**

Q.P. Code: 1517

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Describe various ways of harvesting split skin grafts methods of graft immobilization and describe stages of graft take.
2. Principles of tissue expansion and its applications in plastic surgery reconstruction.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. B.M.P (Bone Morphogenic Proteins).
4. Osseointegrated Bone Implants in plastic surgery.
5. Management of Capillary Hemangioma.
6. Distraction Osteogenesis-stages & indications.
7. V-Y Advancement flap.
8. Posterior Interosseous Artery flap.

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**PAPER – II
Plastic & Reconstructive Surgery:
Head & Neck, Trunk, Genitalia**

Q.P. Code: 1518

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Describe the etiology, presentation of Bilateral Temporomandibular joint ankylosis. Discuss its principles of management.
2. Describe the management of Velopharyngeal incompetence in a 10 year old child.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Classifications of cranio-facial-cervical clefts.
4. Tongue flap.
5. Mohler's repair of unilateral cleft lip.
6. Cutting guide in mandibular reconstruction.
7. Apert's syndrome-features and management in short.
8. Nasal tip Plasty-indications and techniques.

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**PAPER – III
Plastic & Reconstructive Surgery: Upper & Lower Extremity**

Q.P. Code: 1519

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Describe the embryology of penoscrotal development. Classify hypospadias and principles of its management.
2. Describe the zones of Flexor Tendons and discuss the principles of management of Flexor Tendon injury in Zone III.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Swan neck deformity-mechanism and treatment.
4. ALT (Anterolateral Thigh Flap).
5. Causes and management of Foot drop.
6. Write Diagnosis and management of vaginal agenesis.
7. Groin Flap.
8. Write indications and techniques of Opponensplasty.

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**PAPER – IV
Plastic & Reconstructive Surgery: Cosmetic Surgery and
Recent Advances**

Q.P. Code: 1520

Answers should be specific to the Questions asked.
Draw neat, labeled diagrams wherever necessary.
All questions are compulsory.

Question Number

Marks

LONG ESSAY QUESTIONS:

2 X 20 = 40

1. Describe various types of Genioplasty techniques and its planning & execution.
2. Augmentation Rhinoplasty-approach to the case and materials used.

SHORT ESSAY QUESTIONS:

6 X 10 = 60

3. Navigation technologies in plastic surgery.
4. Nd-yag laser-details and its uses.
5. Principles of Liposuction techniques.
6. Establishment of Hand Transplant Team.
7. Approach and methods of Malar augmentation.
8. Free fat graft-harvest techniques and its uses in aesthetic surgery.
