Rajiv Gandhi University of Health Sciences, Karnataka

M.Ch. Degree Examination – 15-Mar-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC & RECONSTRUCTIVE SURGERY - PAPER – I
QP Code: 9151

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **10 x 10 = 100 Marks**

1. Describe the anatomy of Extensor apparatus of the hand. Write a short note on the abnormal anatomy in a boutonniere deformity
2. Describe the biogeometry of rotation flap and its use in clinical application
3. Importance of psychological aspects in plastic surgery **in gender dysphoria**
4. Describe the embryology and development of the hand
5. Describe the development of vascular malformation and hemangioma
6. Describe and classify the mechano receptors of the skin and its role in providing the various sensation to the skin
7. Describe granulation tissue in wound healing. Write a short note on the pathophysiology of epithelialization
8. Role of Alloplastic materials in plastic surgery
9. Pathophysiology of Hypertrophic scars and Keloids
10. What are the principles of reconstructive surgery?

M.Ch. Degree Examination – 17-Mar-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC AND RECONSTRUCTIVE SURGERY - PAPER – II
QP Code: 9152

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions **10 x 10 = 100 Marks**

1. Classification of tuberous breast and its management
2. Poland’s syndrome
3. Discuss fingertip injuries and the various reconstructive options for coverage.
4. Discuss the clinical features of Proteus syndrome and surgical management of macrodactyly.
5. Rotation flaps
6. Scar revision on face
7. Explain in detail, the etiology, clinical features and different methods of management of Temporomandibular Joint Ankylosis.
8. Classify congenital deformities of the ear and describe in detail any one method of Anotia reconstruction.
9. Internal nasal valve anatomy and its importance
10. Discuss the pathogenesis of Radial club hand and its surgical management.

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M.Ch. Degree Examination – 19-Mar-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC AND RECONSTRUCTIVE SURGERY - PAPER – III

QP Code: 9153

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions **10 x 10 = 100 Marks**

1. Discuss the **clinical** examination of maxillo facial injuries.
2. Discuss the anatomy of **pectoralis** major muscle and its flaps.
3. Fat graft
4. Botox
5. Microtia
6. Abbe flap
7. **Nasoalveolar molding for cleft lip and palate**
8. **Bilobed** flap
9. Washio flap
10. Ectropion **of eye lids**

M.Ch. Degree Examination – 14-Aug-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC & RECONSTRUCTIVE SURGERY - PAPER – I

QP Code: 9151

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **10 x 10 = 100 Marks**

1. Discuss in detail the burn wound management with special emphasis on recent trends.
2. Describe the anatomy of Gracilis myocutaneous flap. Outline the salient features when it is being used as a free functional muscle transfer in 'TWO' clinical situations.
3. Angiosomes: concepts, definition and principles.
4. Delay of flaps.
5. Classify the vascular anatomy of muscle flaps with illustration.
6. Discuss in detail about Groin flap.
7. Complications of tissue expansion and write briefly about self inflating tissue expanders.
8. Hidradenitis suppurativa – pathogenesis and management.
9. Discuss the surgical anatomy of upper lip.
10. Principles of amputations at D.I.P, P.I.P, and M.P joints of central ray, index and little fingers of hand.

Rajiv Gandhi University of Health Sciences, Karnataka

M.Ch. Degree Examination – 16-Aug-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC AND RECONSTRUCTIVE SURGERY - PAPER – II
QP Code: 9152

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions **10 x 10 = 100 Marks**

1. Discuss the nutrition and healing of flexor tendons.
2. Describe the extratemporal anatomy of facial nerve. Discuss the management of unilateral facial nerve palsy.
3. Surgical management of vitiligo
4. Groin flap
5. Management of foot drop
6. Hair transplant
7. Rombergs disease
8. **Gastrocnemius** flap
9. Sub-mucous cleft palate
10. Principles of cranio-facial surgery

M.Ch. Degree Examination – 18-Aug-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC AND RECONSTRUCTIVE SURGERY - PAPER – III
QP Code: 9153

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions **10 x 10 = 100 Marks**

1. Describe in detail the principles of treatment and various reconstructive options in the management of a sacral pressure sore.
2. Describe the surgical approach for a classical abdominoplasty.
3. Reconstructive options and management of lower 1/3 leg soft tissue defect measuring 4x6 cms width exposed tibia.
4. Management of sternal wound dehiscence
5. Morel-Lavelle lesion aetiopathogenesis and management
6. Dermabrasion
7. Classification and management of phalangeal fractures of hand.
8. Filler’s: classification and indications
9. Discuss the reconstructive options for post glossectomy defect at different levels.
10. Pathophysiology of Burn shock

Rajiv Gandhi University of Health Sciences, Karnataka

M.Ch. Degree Examination – 24-Nov-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC & RECONSTRUCTIVE SURGERY - PAPER – I
QP Code: 9151

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **10 x 10 = 100 Marks**

1. Describe Biogeometry of bilobed flap
2. Describe the anatomy of radial forearm flap and its application in flap composition and design
3. Describe anatomy of upper lip musculature and the abnormal anatomy in cleft lip
4. Describe the applied Anatomy of facial nerve in face
5. **DESCRIBE THE PATHOPHYSIOLOGY OF PRESSURE SORES AND ITS APPLICATIONS IN THE MANAGEMENT OF PRESSURE SORES**
6. Describe angiosomes and its clinical application
7. Classify nerve injuries and describe the pathophysiology and healing of the nerve following nerve injuries
8. **DISCUSS THE ANATOMY OF NAIL, PATHOLOGY OF NAIL BED INJURIES AND ITS APPLICATION IN SURGICAL MANAGEMENT OF NAIL BED INJURIES**
9. Describe the surgical anatomy of the Antero Lateral Thigh flap and its applications in resurfacing of surgical defects
10. Describe the anatomy of the orbit and the pathophysiology of orbital fractures

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M.Ch. Degree Examination – 26-Nov-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC AND RECONSTRUCTIVE SURGERY - PAPER – II
QP Code: 9152

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions **10 x 10 = 100 Marks**

1. Perforators flaps
2. Classification of skin grafts post operative management of a patient with split thickness skin grafts
3. Define occlusion and types of malocclusion. Explain in detail different methods of IMF.
4. Classify maxillectomy defects. Describe in detail – composite defect of midface.
5. Soft tissue land marks in anthropometry
6. Augmentation Rhinoplasty indications and surgical technique
7. Discuss the anatomy of carpal tunnel, variations in the branching of motor branch, provocative test to diagnose carpal tunnel syndrome and its surgical management.
8. Describe Apert's hand and discuss the surgical management.
9. Describe complications (both acute and chronic) following post-buccal mucosa and tongue reconstruction and their management.
10. Describe the physiology of free cartilage graft take and add a note on clinical applications of cartilage graft.

Rajiv Gandhi University of Health Sciences, Karnataka

M.Ch. Degree Examination – 28-Nov-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC AND RECONSTRUCTIVE SURGERY - PAPER – III
QP Code: 9153

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions **10 x 10 = 100 Marks**

1. Reconstructive options for Mullerian agenesis.
2. Describe the reconstructive options following excision of a myelomeningocoele.
3. Carpel tunnel syndrome aetiopathogenesis and management.
4. Classification and modifications of Fasciocutaneous flaps.
5. Botulinum toxin: pharmacokinetics and indications
6. First dorsal metacarpal artery flap vascular anatomy and clinical applications.
7. Tear trough deformity
8. Surgical correction of bat ears
9. Discuss Abbe flap in detail.
10. Skin bank

M.Ch Degree Examination – 01-Dec-2025

Time: Three Hours **Max. Marks: 100**

PLASTIC & RECONSTRUCTIVE SURGERY - PAPER – IV
QP Code: 9154

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

ANSWER ALL THE QUESTIONS **10 X 10 = 100 MARKS**

1. Principles of replantation and microvascular surgery of hand
2. Radial club hand
3. Surgical management of sternal dehiscence
4. Describe the indications for genioplasty and surgical procedure
5. Anatomy of the breast and medial pedicle vertical reduction mammoplasty
6. Classification of skin substitutes, describe the mechanism of action of each and their applications.
7. What is Basal cell carcinoma? Discuss its clinical presentation and various modalities of treatment.
8. Management of Elbow contracture
9. Recent advances in management of vascular anomalies
10. Cranioplasty