

APRIL - 2001

[KD 041]

Sub. Code : 1602

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch III — Plastic Surgery

(Revised Regulations)

Paper II — PLASTIC SURGERY — REGIONAL

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify and briefly describe the management of fractures of mandible involving horizontal ramus. (25)
2. Describe the Development of face and discuss the management of Bilateral cleft lip and palate with protruding premaxilla. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) Nail bed injuries
 - (b) Ptosis of Eyelid
 - (c) Surgical management of burns
 - (d) Basal cell carcinoma involving tip of nose
 - (e) Tongue flap.

NOVEMBER - 2001

[KE 041]

Sub. Code : 1002

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

Branch III — Plastic Surgery

Paper II — PLASTIC SURGERY — REGIONAL

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Discuss the etiology, clinical features and management of temporomandibular ankylosis. (25)
2. Discuss the classification and management of lymphoedema of lower limb. (25)

Write briefly on :

(5 × 10 = 50)

- (a) Nail-bed injury
- (b) Parotid fistula
- (c) Eye-brow reconstruction
- (d) Bat ear
- (e) Atresia vagina.

MARCH - 2002

[KG 041]

Sub. Code : 1602

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch III — Plastic Surgery

Paper II — PLASTIC SURGERY - REGIONAL

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify the congenital Anamolies of Hand and their Embryological basis. How will you manage a case of Radial club hand since birth. (25)
2. Describe the methods in common use for Reconstruction of Subtotal Loss of Nose following Trauma. (25)
3. Write brief notes on : (5 × 10 = 50)
 - (a) Avulsion Scalp.
 - (b) Nerve Abscess.
 - (c) Mammary implants.
 - (d) Vaginoplasty.
 - (e) Vicryl.

SEPTEMBER - 2002

[KH 041]

Sub. Code : 1602

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

Branch III — Plastic Surgery

Paper II — PLASTIC SURGERY — REGIONAL

Time : Three hours

Maximum 100 marks

Answer ALL questions.

1. What are the absolute and relative contraindications for replantation? Describe the management of the patient with amputated hand before transportation to the replantation centre. Describe the sequence of repair during replantation under normal circumstances. (25)

2. Describe pathophysiology diagnosis and management of inhalation injuries (25)

Write briefly on

(a) Reduction mammoplasty

(b) Transverse Rectus Abdominix Muscle (TRAM) flap

(c) Torticollis

(d) Rhynophyma

(e) Crouzon's Syndrome (5 × 10 = 50)

APRIL - 2004

[KK 041]

Sub. Code : 1602

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch III — Plastic Surgery

Paper II — PLASTIC SURGERY — REGIONAL

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL the questions.

A. Essay :

(2 × 15 = 30)

(1) Describe various topographical zones of flexor tendon injuries. Describe the various problems associated with flexor digitorum profundus and flexor digitorum superficial tendon injuries in zone 2. Describe management including post-management of zone 2 tendon injuries

(2) Describe various clinical types of basal cell carcinoma. What are various problems associated with Basal cell carcinoma of the eyelids? Describe broad practical considerations in the management of basal cell carcinoma.

B. Write short notes on :

(10 × 5 = 50)

- (1) Macrostomia.
- (2) Neuroclulsion and malocclusion.
- (3) Anterior palatal fistula.
- (4) Accidental tattoo.
- (5) Stensen's duct injury.
- (6) Subcondylar fracture of mandible.
- (7) Medial canthal ligament injury
- (8) Metacarpophalangeal joint stiffness
- (9) Transverse Rectus Abdominis Muscle (TRAM) flap.
- (10) Avulsion of scrotal skin.

AUGUST - 2004

[KL 041]

Sub. Code : 1602

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch III — Plastic Surgery

Paper II — PLASTIC SURGERY — REGIONAL

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL the questions.

I. Essay :

(2 × 15 = 30)

(1) Describe the surgical anatomy, technique and uses of latissimus dorsi musculocutaneous flap.

(2) Discuss the pathology of eyelid lesions and the management of both partial and full thickness defects of lower eyelid.

II. Short Notes : (10 × 5 = 50)

- (a) Hemifacial microsomia**
- (b) Reconstruction of burns scar neck**
- (c) Male pattern baldness**
- (d) Dermabrasion**
- (e) Gynaecomastia**
- (f) Boutonniere Deformity**
- (g) Distraction histogenesis**
- (h) Management of sacral sores**
- (i) Venous malformation**
- (j) Apert's Syndrome.**

FEBRUARY - 2005

[KM 041]

Sub. Code : 1602

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch III — Plastic Surgery

Paper II — PLASTIC SURGERY — REGIONAL

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) Discuss the main directions of the composite forces of the mandibular muscles. Discuss importance of these forces in management of mandibular fractures. Draw a diagram to represent vertical favourable fracture of the body of mandible.

(2) Describe indications, surgical approaches and post operative complications of augmentation mammoplasty.

II. Write short notes on : (10 × 5 = 50)

- (a) Neuroma in continuity.
- (b) Hemifacial Microsomia : Diagnosis and associated anomalies.
- (c) Correction of hypertelorism.
- (d) Submucous cleft palate.
- (e) Mucosa-Tarsal flap for reconstruction of lower eyelid.
- (f) Pre-operative planning for ear reconstruction using cartilage frame work.
- (g) Classical steps for nose hump reduction.
- (h) Klippel-Trenaunay Weber syndrome.
- (i) Electron beam therapy for keloids.
- (j) Etiology and grading of gynaecomastia.

FEBRUARY - 2006

[KO 041]

Sub. Code :1602

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch III -- Plastic Surgery

Paper II -- PLASTIC SURGERY - REGIONAL

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay : (2 × 15 = 30)

1. Discuss the anatomy of the scalp with special emphasis on its blood supply. Discuss in detail the management of avulsion injuries of the scalp.

2. Discuss the anatomy of the greater omentum. Discuss the various techniques available in developing an omental flap. Discuss the usefulness of the omentum as a tool for the Plastic surgeon.

II. Write short notes on : (10 × 5 = 50)

(a) Tessiers classification of facial clefts

(b) Freys syndrome

(c) DOPA reaction

(d) Xeroderma pigmentosa

(e) No mans land

(f) In growing toe nail

(g) Physiological operations for lymphedema

(h) Fetal wound healing

(i) Axillary block

(j) Pseudo tumour excision.

AUGUST - 2006

[KP 041]

Sub. Code : 1602

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch III — Plastic Surgery

Paper II — PLASTIC SURGERY — REGIONAL

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay :

(1) **Classify the fractures of midfacial skeleton. Discuss the clinical features, investigations and complications of naso orbito ethmoid fractures. How will you manage the fractures and the complications? (20)**

(2) **Discuss briefly the types of neck node dissection in head and neck cancers. (15)**

(3) **Discuss the principles, techniques, advantages and disadvantages of open technique of rhinoplasty. (15)**

II. Short notes :

(6 × 5 = 30)

- (a) **Lip adhesion**
 - (b) **Orticochea's technique of scalp reconstruction**
 - (c) **Calvarial bone graft**
 - (d) **Palatal fistula following cleft palate repair**
 - (e) **Mustarde's technique of correction of epicanthal fold**
 - (f) **Platysma myocutaneous flap.**
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[KR 041]

Sub. Code : 1602

M.Ch DEGREE EXAMINATION.

Higher Specialites

(Revised Regulations)

**Branch III — Plastic Surgery and Reconstructive
Surgery**

Paper II — PLASTIC SURGERY — REGIONAL

Time : Three hours Maximum : 100 marks

**Theory : Two hours and Theory : 80 marks
forty minutes**

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. ESSAY :

1. Describe the Pathophysiology of formation of contractures.

How it differs from wound contraction?

Discuss the principles of management of post burns contracture of volar aspect of hand in a 4-year-old child. (20)

2. Describe use of Lasers in Plastic Surgery. (15)

3. Classify Mandibular fractures. Discuss the management. (15)

II. Write Short Notes on: (6 × 5 = 30)

(a) Epithelial Inlay

(b) Role of Imaging Techniques in vascular Malformation

(c) Liposuction

(d) Delay of flaps

(e) Steal Phenomenon

(f) Skin Bank.

August 2008

[KT 041]

Sub. Code: 1602

M.Ch. DEGREE EXAMINATION

(Higher Specialities)
(Revised Regulations)

Branch III – Plastic & Reconstructive Surgery

Paper II – PLASTIC SURGERY - REGIONAL

Q.P. Code: 181602

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: (2 x 20 = 40)

1. Enumerate various forehead flaps and discuss the scalping flap.
2. Discuss management of avulsion injuries of penis and scrotum.

II. Write short notes on: (10 x 6 = 60)

1. Sternal wound dehiscence.
 2. Repair of a torn ear lobule.
 3. Subcondylar mandible.
 4. Pre-malleolar flap.
 5. Vasularised fibula flap.
 6. Trap door scar.
 7. Tongue flap.
 8. Cauliflower ear.
 9. Vacuum assisted closure.
 10. Binders syndrome.
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August 2009

[KV 041]

Sub. Code: 1602

MASTER OF CHIRURGIAE (M.Ch.) DEGREE EXAMINATIONS

(Higher Specialities)

(Revised Regulations)

Branch III – Plastic & Reconstructive Surgery

Paper II – PLASTIC SURGERY – REGIONAL

Q.P. Code: 181602

Time: Three hours

Maximum: 100 Marks

Answer ALL questions

Draw suitable diagrams wherever necessary.

I. Essays:

(2 x 20 = 40)

1. Describe about pre surgical orthodontics in bilateral cleft lip and palate.
2. Describe about total penile reconstruction.

II. Write short notes on:

(10 x 6 = 60)

1. Angiosomes.
2. Osteo myocutaneous flap.
3. Bone Healing.
4. Nodo venous shunt.
5. Ulnar claw hand.
6. Pedicled flaps for breast reconstruction.
7. Syndactyly.
8. Mandible reconstruction.
9. Lip reconstruction methods.
10. Defects of tendo-achillis reconstruction.

February 2011

[KY 041]

Sub. Code: 1602

MASTER OF CHIRURGIAE (M.CH) DEGREE EXAMINATIONS

(Super Specialities)

Branch III – Plastic & Reconstructive Surgery

Revised Regulations

Common to all Candidates

Paper II – PLASTIC SURGERY – REGIONAL

Q.P. Code: 181602

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays: `

2 x 20 = 40

1. Discuss in detail the clinical features types and surgical management of fracture Zygoma.
2. Discuss the surgical procedures of reduction mammoplasty following benign hypertrophy of breast.

II. Write short notes on:

10 x 6 = 60

1. Rare cranio facial cleft.
2. Fracture nasal bone.
3. Millards cleft lip repair.
4. Surgical management of facial palsy.
5. Compart syndrome.
6. Ear lobule reconstruction.
7. Nerve injury and repair.
8. Tangential excision.
9. Burn wound infection.
10. Soft tissue injury of face.

August 2011

[KZ 041]

Sub. Code: 1602

MASTER OF CHIRURGIAE (M.Ch.) DEGREE EXAMINATION
(SUPER SPECIALITIES)

BRANCH III – PLASTIC & RECONSTRUCTIVE SURGERY

PLASTIC SURGERY – REGIONAL

Q.P. Code: 181602

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks
(Max.) (Max.) (Max.)

- | | | | |
|---|----|----|----|
| 1. What are the flaps based on the Inferior Epigastric Artery System? Discuss briefly the technical points in elevation of these flaps. | 11 | 35 | 15 |
| 2. How do you go about managing total loss of ear in adults? What are the problems encountered in reconstructing ear in Adults. What is the role of fascia in ear construction? | 11 | 35 | 15 |

II. Write notes on :

- | | | | |
|--|---|----|---|
| 1. Latissimus dorsi flap - technical points in raising this flap. | 4 | 10 | 7 |
| 2. Management of naso ethmoidal fracture with CSF rhinorrhoea. | 4 | 10 | 7 |
| 3. Muscular anatomy of lip with relevance to Plastic surgery. | 4 | 10 | 7 |
| 4. Management of pre sternal keloids. | 4 | 10 | 7 |
| 5. Fracture penis management and outcome. | 4 | 10 | 7 |
| 6. Management of Cleft lip nose in adults. | 4 | 10 | 7 |
| 7. High flow vascular malformations of face in children - problems and management outcome. | 4 | 10 | 7 |
| 8. Problems and timing of repair in thoracic Meningomyelocoele. | 4 | 10 | 7 |
| 9. SMAS layers of face and their relevance to Facelift Surgery. | 4 | 10 | 7 |
| 10. Inverted Nipple; timing of repair and management principles. | 4 | 10 | 7 |

M.Ch – PLASTIC & RECONSTRUCTIVE SURGERY**Paper – II PLASTIC SURGERY – REGIONAL***Q.P. Code: 181602***Time : 3 hours(180 Min)****Maximum : 100 marks****Answer ALL questions in the same order.****I. Elaborate on :**

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Describe signs and symptoms of orbital floor fracture. How do you investigate a case of orbital floor fracture? Discuss the indication for surgery and different techniques to access orbital floor. Discuss advantages and disadvantages of different orbital floor implants.	16	35	15
2. Discuss the criteria for diagnosis of sepsis in burns. How is it different from Systemic Inflammatory Response Syndrome? Define wound sepsis, Describe signs of wound sepsis and different techniques for wound culture. Discuss silver based topical antimicrobials.	16	35	15

II. Write notes on :

1. Describe principles of lip reconstruction. Discuss management of loss of 50% of upper lip.	4	10	7
2. Discuss reverse sural artery flap. Describe methods to increase the extent of flap and decrease the post operative complications.	4	10	7
3. Describe anatomy of zygoma. Discuss treatment of fracture zygoma.	4	10	7
4. Classify maxillary and midfacial defects. Discuss treatment of type III defect.	4	10	7
5. Discuss management of post cardiac surgery sternal wound dehiscence.	4	10	7
6. Supraclavicular flap.	4	10	7
7. Discuss toe flaps and toe transfer.	4	10	7
8. Describe and classify basal carcinoma. Discuss management of incompletely excised basal carcinoma.	4	10	7
9. Describe anatomy of medial canthus. Discuss techniques of medial canthopexy.	4	10	7
10. Discuss treatment of ischial pressure ulcer.	4	10	7

(LD 041)

AUGUST 2013

Sub. Code:1602

M.Ch. – PLASTIC & RECONSTRUCTIVE SURGERY
Paper – II PLASTIC SURGERY – REGIONAL
Q.P.Code: 181602

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. What are pressure sores? Describe the causes, prevention and management of pressure sores. Describe the surgical management of trochanteric ulcer.
2. Describe the management of cut flexor tendon injuries of the hand.

II. Write notes on:

(10X7=70)

1. Hydradenitis suppurativa.
2. Ptosis.
3. Classify peripheral nerve injuries and repair.
4. Fracture nasal bone.
5. Compartmental Syndrome.
6. TRAM flap.
7. Bat ear.
8. Genio plasty.
9. Reverse sural artery flap.
10. Delay of flaps.

(LE 041)

FEBRUARY 2014

Sub. Code:1602

M.Ch. – PLASTIC & RECONSTRUCTIVE SURGERY
Paper – II PLASTIC SURGERY – REGIONAL

Q.P.Code: 181602

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Describe evaluation of Bilateral Cleft Lip and Palate with protruding Premaxilla in a neonate. Discuss multidisciplinary approach in management. Describe a Surgical procedure for closure of the Cleft Lip in this child.
2. Discuss aetiology and Classification of mandible defects. Describe Various methods of Mandible Reconstruction. Add a note on Donor site morbidity when autologous tissues are used.

II. Write Notes on:

(10X7=70)

1. Naso ethmoidal Fractures
2. Triage in Mass casualty of Burns
3. Camptodactyly
4. Timing of Surgery in Adult Brachial Plexus Injuries
5. Treacher Collins syndrome
6. Epidermolysis Bullosa
7. Bifid Nose
8. Epicanthus
9. 50 % Mid defect of Lower lip
10. Implants for treating Lagophthalmos

[LF 041]

AUGUST 2014

Sub. Code: 1602

M.Ch. – PLASTIC AND RECONSTRUCTIVE SURGERY

Paper II – PLASTIC SURGERY—REGIONAL

Q. P. Code: 181602

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions in the same order.

I. Elaborate on:

(2 x 15 = 30)

1. How will you classify Microtia? Write in detail about one of the Autogenous reconstructive technique of Microtia.
2. Describe the course of Subscapular artery from its origin on axillary artery.
Describe the various FLAPS that can be developed on subscapular artery and its branches, their vascular anatomy, design and uses.

II. Write notes on:

(10 x 7 = 70)

1. “Neuromeric theory” of craniofacial cleft. Write about Tessier number 7 cleft.
2. Surgical options to manage lagophthalmos following facial nerve palsy.
3. What are the goals of lip reconstruction?
How will you reconstruct vermilion defects of lip?
4. Secondary Alveolar bone grafting.
5. Causes of anterior abdominal wall defects.
Write about ‘Component separation method’ in abdominal wall reconstruction.
6. Sentinel node biopsy in Malignant Melanoma.
7. What are the options to cover the defect over medial malleolar region?
8. Vascular basis of Paramedian forehead flap. What are the procedures available for gaining length in paramedian forehead flap for nasal reconstruction?
9. Management of zone III extensor tendon injury of finger.
10. Soleus muscle flap.
