# SEPTEMBER - 1991

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M.Ch. DEGREE EXAMINATION, SEPTEMBER 1991.

Branch III — Plastic Surgery

Paper I — PLASTIC SURGERY — BASIC SCIENCES

Time : Three hours. Maximum : 100 marks.

Answer ALL questions.

1. Classify Fasciocutaneous flaps and describe their vascular basis, illustrating with examples. What are their advantages over other skin flaps? Describe Radial Artery forearm flap and give its clinical applications. (25 marks)

2. Describe the anatomy of Extensor apparatus of fingers, illustrating with a diagram. Describe the pathogenesis of deformities produced by injuries at various levels. (25 marks)

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

(*a*) Biomechanical properties of skin.

(*b*) Skin graft contracture and modes of preventing it.

(*c*) Biological materials used in management of extensive burns and their precise role.

(*d*) Anaesthesia in cleft lip and palate.

(*e*) Effects of Radiation Therapy.

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M.Ch. DEGREE EXAMINATION, SEPTEMBER 1991.

Branch III — Plastic Surgery

Paper II — PLASTIC SURGERY (GENERAL)

Time : Three hours. Maximum : 100 marks.

Answer ALL questions.

1. Describe the histological changes that tissues undergo under the influence of Expanders. What are the indications of tissue expansion in reconstructive surgery ? (25 marks)

2. Describe the histological and clinical characteristics of various angiomas and their life history. Describe various modalities of treatment of Portwine Stains. (25 marks)

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

(a) Limberg flap. technique and indications.

(b) Role of local flaps in wound cover.

(c) Degloving injury of Thumb.

(d) Pharyngeal flap, its technique and clinical application.

(e) Renal shut down in Burns, its causation and management.

# SEPTEMBER - 1992

[353]

M.Ch. DEGREE EXAMINATION, SEPTEMBER 1992.

Branch III — Plastic Surgery

Part I

PLASTIC SURGERY — BASIC SCIENCES

Time : Three hours. Maximum : 100 marks

Answer ALL questions.

1. Classify the vascular anatomy of muscle flaps. Describe the surgical anatomy, elevation and uses of latissimus dorsi myocutaneous flap. (25 marks)

2. Classify the congenital anomalies of hand and their embryological basis. How will you manage a case of radial club hand since birth. (25 marks)

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

(a) Ideal implant material.

(b) Assessment of velo pharyngeal incompetence.

(c) Nutrition in burns.

(d) Management of blue flap.

(e) Graft contraction and prevention.

# SEPTEMBER - 1992

[354]

M.Ch. DEGREE EXAMINATION, SEPTEMBER 1992.

Branch III — Plastic Surgery

Part II

PLASTIC SURGERY (GENERAL)

Time : Three hours. Maximum : 100 marks.

Answer ALL questions.

1. Discuss in detail the various methods of single stage reconstruction of distal penile hypospadias, complications and management. (25 marks)

2. Describe the clinical features of ⊛ sided tempe: mandibular joint ankylosis and discuss the managemen.. (25 marks)

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

(a) Contracted eye socket.

(b) Bat ear.

(c) Reconstruction of pectus excavatum.

(d) Romberg's disease.

(e) Tangential excision of burns.

NOVEMBER - 1993

[PR 329]

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch III — Plastic Surgery

(Old/New Regulations)

Paper I — PLASTIC SURGERY — BASIC SCIENCES

Time : Three hours. Maximum : 100 marks.

Answer ALL questions.

1. Describe the surgical anatomy, elevation and uses of Delto-Pectoral flap. (25)

2. Describe the immediate and late treatment of Flexor tendon injury in zone II. (25)

3. Write short notes on : (5×10=50)

(a) Limberg flap and Dufourmental flap.

(b) Sieve graft and Woulfe's graft.

(c) Malar bone fractures and their management.

(d) Fluid replacement therapy in Burns.

(e) Double upper lip.

NOVEMBER - 1993

[PR 330]

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch III — Plastic Surgery

(Old/New Regulations)

Paper II — PLASTIC SURGERY (General)

Time: Three hours. Maximum: 100 marks.

Answer ALL questions.

1. What are the clinical features in a case of Pierre Robin Syndrome? Discuss the management of a case of Pierre Robin Syndrome. (25)

2. What are the causes of swelling of a lower limb? Outline briefly the management of Lymphoedema of lower limb. (25)

3. Write short notes on: (5×10=50)

(a) Keloids and Hypertrophic scars.

(b) Congenital atresia of vagina.

(c) Classification of benign superficial haemangiomas and treatment of strawberry naevi.

(d) Reconstruction of ear lobule.

(e) Eyebrow reconstruction.

APRIL - 1996

.K 54

M.Ch. DEGREE EXAMINATION

(Higher Specialities

Branch III - Plastic Surgery

(Old/New Regulations)

Paper I - PLASTIC SURGERY - BASIC SCIENCES

Time: Three hours Max. marks:100

Answer All Questions

1. Discuss the principles of menegement of severely injured hand. (25)

2. Discuss the role of implants in plastic surgery. (25)

3. Write short notes on: (5x10=50

   (a) Orthodontia

   (b) Aneesthesia for T.M. joint ankylosis and post burn contracture neck

   (c) Foot drop

   (d) Management of Keloids and Hypertrophic scars

   (e) Harold Gilles.

APRIL - 1996

/K 55

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch III - Plastic Surgery

(Old/New Regulations)

Paper II - PLASTIC SURGERY - GENERAL

Time: Three hours Max. marks:100

Answer All Questions

1. Discuss the pathophysiology and surgical management of lymphoedema of lower limbs. (25)

2. Classify skin tumours and discuss the prognostic factors and surgical management of malignant melanoma. (25)

3. Write short notes on: (5x10=50)

   (a) Reconstruction of ala nasi

   (b) Surgical management of Vitiligo

   (c) Calvarial bone graft

   (d) Scrotal Avulsions

   (e) Syndactyly.

APRIL - 1997

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M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch III - Plastic Surgery

(Revised Regulations)

Paper I - BASIC SCIENCES AND GENERAL PRINCIPLES IN PLASTIC SURGERY

Time: Three hours Max.marks:100

Answer All Questions

What are the different types of basal cell carcinoma? How will you manage a case of squamous cell carcinoma of the lower lip towards the angle of the mouth? (25)

Describe the reconstruction of the breast in a case of poland's syndrome. (25)

Write briefly on: (5x10=50)

(a) Fluid replacement therapy during the first 48 hours in a moderate burns patient.

(b) Velopharyngeal incompetence in a cleft palate patient

(c) Design of a transposition flap

Rhinophyma

(e) Torticollis.

OCTOBER - 1997

MS 21

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch III - Plastic Surgery

(Revised Regulations)

Paper I - BASIC SCIENCES AND GENERAL PRINCIPLES IN PLASTIC SURGERY

Time: Three hours Max.marks:100

Answer All Questions

1. Describe various methods of reconstruction of soft tissue defect of the lower one third of the leg. (25)

2. Describe the pathophysiology of burns and add a note on recent advances. (25)

3. Write briefly on: (5x10=50)

   (a) Tendon healing

   (b) Tissue expander

   (c) Fate of auto skin graft

   (d) Gender dysphoria

   (e) Developmental anomalies of the hand.

APRIL - 1998

SV 43

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch III - Plastic Surgery

(Revised Regulations)

Paper I - BASIC SCIENCES AND GENERAL PRINCIPLES IN PLASTIC SURGERY

Time: Three hours Max.marks:100

Answer All Questions

1. Discuss blood supply to the skin. Detail how the concept of angiosomes and venosomes has influenced flap design in recent times. (25)

2. Describe the changes that occur with tissue expansion. How will you correct a post burn alopecia of scalp measuring 20 cm x 10 cm above the left ear, using the principle of tissue expansion? (25)

3. Write briefly on: (5x10=50)

   (a) Principle of thumb web plasty

   (b) Lasers in plastic surgery

   (c) Harold Delf Gillies

   (d) Fat injection

   (e) 'Creep' phenomenon.

OCTOBER - 1998

[SM 040]

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch III — Plastic Surgery

(Revised Regulations)

Paper I — BASIC SCIENCES AND GENERAL PRINCIPLES IN PLASTIC SURGERY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Discuss Suture Materials in Plastic Surgery. (25)

2. Discuss the Surgical Anatomy of skin. What are the biomechanical properties of skin? (25)

3. Write briefly on : (5 × 10 = 50)

(a) Tessier classification

(b) Angiosomes

(c) Calvarial bone graft

(d) Cryptotia

(e) Lobster claw hand.

OCTOBER - 1999

**[KA 040]** **Sub. Code : 1601**

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch III — Plastic Surgery

(Revised Regulations)

Paper I — BASIC SCIENCES AND GENERAL PRINCIPLES IN PLASTIC SURGERY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Describe the normal speech mechanism and the effects of cleft palate on it. How will you manage a child aged 5 years who was operated for cleft palate at the age of 2 years but having severe velopharyngial incompetence. (25)

2. Describe the blood supply of flexor tendons, pathology of tendon healing and discuss the management of a case of six week old flexor tendon injury at distal palmar crease. (25)

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

(a) Anatomy of temporal fascia and its role in reconstruction of ear

(b) Regional block anaesthesia for rhinoplasty

(c) Nutrition in burns

(d) 'W' plasty

(e) Pioneers of plastic surgery in India.

APRIL - 2000

[KB 040] Sub. Code : 1601

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch III — Plastic Surgery

(Revised Regulations)

Paper I — BASIC SCIENCES AND GENERAL PRINCIPLES IN PLASTIC SURGERY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Discuss geometrical principles, variations and uses of *Z*–plasty in detail. (25)

2. Enumerate and discuss the different types of vascular systems of skin. Classify the pedicled skin flap based on the blood supply. (25)

3. Write briefly on : (5 × 10 = 50)

(a) Osseointegrated craniofacial prosthesis

(b) Ergonomic principles in microvascular surgery

(c) Histopathology of expanded tissue after the use of tissue expander

(d) Hypovolaemic shock

(e) Intermingled skin grafting.

OCTOBER - 2000

[KC 040] Sub. Code : 1601

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch III — Plastic Surgery

(Revised Regulations)

Paper I — BASIC SCIENCES AND GENERAL PRINCIPLES IN PLASTIC SURGERY

Time : Three hours. Maximum : 100 marks

Answer ALL questions.

1. How will you classify Malignant skin Tumours? Discuss the management of Malignant Melanoma of sole. (25)

2. Describe the anatomy of Brachial Plexus. How will you manage the young male patient having Brachial Plexus Injury. (25)

3 Write brief notes on : (5 × 10 = 50)

(a) Pierre–Robin Syndrome

(b) Pollex duplex

(c) Chordae

(d) Carpal–Tunnel Syndrome

(e) Injection Paralysis of Radial Nerve.