August 2009

[KV 030] **Sub. Code: 1552**

MASTER OF CHIRUGIAE (M.Ch.) DEGREE EXAMINATIONS

(Higher Specialities)

(New and Revised Regulations for 5 years course)

(Common to all candidates)

Branch II – Neuro Surgery

Part I

Paper II – GENERAL SURGERY

Q.P. Code: 181552

Time: Three hours **Maximum: 100 Marks**

Answer ALL questions

Draw suitable diagrams wherever necessary.

I. Essays: **(2 x 20 = 40)**

1. Discuss the surgical anatomy of suprarenal glands. Discuss the clinical features, pathology and management of adrenal medullary tumours.
2. Classify Maxillofacial injuries and discuss their management.

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

1. Carcinoid Tumours.
2. Tubercular Lymphadenitis.
3. Massive Blood Transfusion.
4. Ameloblastoma.
5. Frey's syndrome.
6. Tension Pneumothorax.
7. Secondaries in neck.
8. Split skin graft.
9. Compartmental syndrome.
10. Potato Tumour.

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August 2011

[KZ 030] **Sub. Code: 1552**

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

BRANCH II – NEURO SURGERY

GENERAL SURGERY

Q.P. Code: 181552

Time : 3 hours **Maximum : 100 marks**
(180 Min)

Answer ALL questions in the same order.

I. Elaborate on :	**Pages (Max.)**	**Time (Max.)**	**Marks (Max.)**
1. Discuss the evaluation and management of a patient with acute abdominal pain.	11	35	15
2. Discuss in detail malignancies of the thyroid.	11	35	15
II. Write notes on :			
1. Phantom hernia.	4	10	7
2. Portal hypertension.	4	10	7
3. Risk factors for appendicular perforation.	4	10	7
4. Fistula in ano.	4	10	7
5. Prostate specific antigen.	4	10	7
6. Crystalloids in the treatment of shock.	4	10	7
7. Decubitus ulcers.	4	10	7
8. Talipes equinovarus.	4	10	7
9. Osteomyelitis.	4	10	7
10. Crohn’s disease.	4	10	7

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[LB 030] **AUGUST 2012** **Sub. Code: 1552**

M.Ch – NEURO SURGERY

SIX YEARS COURSE- PART -I

Paper – II GENERAL SURGERY

Q.P. Code: 181552

Time : 3 hours **Maximum : 100 marks**

(180 Min)

Answer ALL questions in the same order.

I. Elaborate on :	**Pages (Max.)**	**Time (Max.)**	**Marks (Max.)**
1. What are the causes of jaundice? How would you evaluate a patient with obstructive jaundice?	16	35	15
2. Discuss the management of a patient with a lump in the breast and a mass in the cerebellum.	16	35	15

II. Write notes on :

1. Management of Glomus Jugulare tumors.	4	10	7
2. Surgical techniques for feeding gastrostomy.	4	10	7
3. Management of Multiple Endocrine Neoplasia-I syndrome.	4	10	7
4. Evaluation and differential diagnosis of dysphagia.	4	10	7
5. How do you manage a case of Traumatic Liver Laceration?	4	10	7
6 How do you manage a case of Solitary Nodule of Thyroid?	4	10	7
7. How do you manage a case of Postoperative Paralytic Ileus?	4	10	7
8. Describe the retroperitoneal approach to a right adrenal tumor.	4	10	7
9. Diagnosis and management of sacral discharging sinuses.	4	10	7
10.How do you evaluate a case of vascular claudication?	4	10	7

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(LD 030) **AUGUST 2013** **Sub. Code: 1552**

M.Ch. – NEURO SURGERY
FIVE YEARS/SIX YEARS COURSE – PART – I
Paper – II GENERAL SURGERY
Q.P.Code: 181552

Time: Three Hours **Maximum: 100 marks**

I. Elaborate on: **(2X15=30)**

1. Describe the differential diagnosis and management of a patient with a solitary nodule of the thyroid.
2. Describe the clinical features and management of a patient with carcinoma stomach.

II. Write notes on: **(10X7=70)**

1. Tension pneumothorax.
2. Gas gangrene.
3. Tracheostomy.
4. Carotid body tumour.
5. Deep vein thrombosis of the lower limb.
6. Appendicular abscess.
7. Sympathectomy.
8. Sigmoid volvulus.
9. Hydatid cyst.
10. Cold abscess.

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[LF 030] **AUGUST 2014** **Sub. Code: 1552**

M.Ch. – NEURO SURGERY

FIVE YEARS / SIX YEARS COURSE

PART – I

Paper II – GENERAL SURGERY

Q. P. Code: 181552

Time: Three Hours **Maximum: 100 Marks**

Answer ALL questions in the same order.

I. Elaborate on: **(2 x 15 = 30)**

1. How would you investigate and manage blunt injury of the abdomen?
2. Discuss the clinico pathological features and management of carcinoma tongue.

II. Write notes on: **(10 x 7 = 70)**

1. Venous ulcer.
2. Choledochal cyst.
3. Solitary nodule thyroid.
4. Psoas abscess.
5. Epididymo orchitis.
6. Splenectomy – indications and surgical technique.
7. Differentiate hemorrhagic shock from spinal shock.
8. Addisonian crisis.
9. Cushing's and curling's ulcer.
10. Superior mesenteric artery syndrome.

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[LH 030] **AUGUST 2015** **Sub. Code: 1552**

M.Ch. – NEURO SURGERY

FIVE YEARS / SIX YEARS COURSE

PART – I

PAPER II – GENERAL SURGERY

Q.P. Code: 181552

Time : Three Hours **Maximum : 100 marks**

Answer ALL questions

I. Elaborate on: **(2 x 15 = 30)**

1. Prognostic classification of Carcinoma breast and treatment of carcinoma breast.
2. Enlist the primary sites of sqamous cell carcinoma and discuss the management of Squamous cell carcinoma tongue.

II. Write notes on : **(10 x 7 = 70)**

1. Gastro colic fistula.
2. Renal cysts.
3. Ischemic colitis.
4. Burkitt's lymphoma.
5. Thoracoscopy.
6. Benign prostatic hypertrophy.
7. Skin grafts.
8. Testicular tumors.
9. Abdominal aortic aneurysms.
10. Fistula in ano.

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(LJ 030) AUGUST 2016 **Sub. Code: 1552**

M.Ch. – NEURO SURGERY

SIX YEARS COURSE

PART – I

Paper II – GENERAL SURGERY

Q.P.Code: 181552

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Clinical features, investigation and management of deep vein thrombosis.

2. Clinical features, pathology and management of carcinoma stomach.

II. Write notes on: **(10 x 7 = 70)**

1. Crohn's disease.
2. Medullary carcinoma of thyroid.
3. Extrahepatic biliary atresia.
4. Bleeding oesophageal varices.
5. External hernias.
6. Lymphedema.
7. Breast reconstruction.
8. Total parenteral nutrition.
9. Laparoscopic appendicectomy.
10. Basal cell carcinoma.

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(LL 030) AUGUST 2017 **Sub. Code: 1552**

M.Ch. – NEURO SURGERY

SIX YEARS COURSE

PART – I

Paper II – GENERAL SURGERY

Q.P.Code: 181552

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Clinical features, pathology and management of carcinoma prostate.
2. Diagnosis and management of Tuberculosis of Abdomen.

II. Write notes on: **(10 x 7 = 70)**

1. Solitary nodule of thyroid.
2. Pseudo pancreatic cyst.
3. Modified radical mastectomy.
4. Complications and management of peptic ulcer disease.
5. Management of nodal metastasis in carcinoma penis.
6. Carpal tunnel syndrome.
7. Liver transplantation.
8. Bochdalek's hernia.
9. Lumbar sympathectomy.
10. Calculous cholecystitis.

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(LP 030) AUGUST 2019 **Sub. Code: 1552**

M.Ch. – NEURO SURGERY

SIX YEARS COURSE

PART – I

Paper II – GENERAL SURGERY

Q.P. Code: 181552

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Classify burns and discuss the management of burns.
2. Clinical features, diagnosis and management of papillary carcinoma thyroid.

II. Write notes on: **(10 x 7 = 70)**

1. Stellate ganglion block.
2. Zenker's diverticulum.
3. Branchial cyst.
4. Pheochromocytoma.
5. Flail chest injuries.
6. GIST (Gastro Intestinal Stormal Tumor).
7. Damage control surgery.
8. Pancoast tumour.
9. Hidradenitis suppurativa.
10. Tennis elbow.

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(LR 030) NOVEMBER 2020 **Sub. Code: 1552**

(AUGUST 2020 SESSION)

M.Ch. – NEURO SURGERY

SIX YEARS COURSE

PART – I

Paper II – GENERAL SURGERY

Q.P. Code: 181552

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Thyrotoxicosis – pathophysiology, clinical features and management.

2. Discuss - pathophysiology, clinical features and management of carcinoma breast.

II. Write notes on: **(10 x 7 = 70)**

1. Day care surgery
2. Portal Hypertension
3. Duodenal ulcer
4. Premalignant cutaneous lesions
5. Carpal tunnel syndrome
6. Thyroglossal cyst
7. Skin grafts
8. Pneumothorax
9. Zollinger ellision syndrome
10. Fine needle aspiration cytology

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MCH 0222] FEBRUARY 2022 **Sub.Code :1552**

M.Ch. – NEURO SURGERY

SIX YEARS COURSE

PART – I

Paper II – GENERAL SURGERY

Q.P. Code: 181552

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Various causes, clinical features & management of surgical jauntice.

2. Lympatic drainage of neck and staging of lateral aspect of tongue Carcinoma and its management.

II. Write notes on: **(10 x 7 = 70)**

1. Haemorrhoids
2. Hiatus hernia
3. Meckel's diverticulum
4. Pott's spine
5. Complications of Thyroidectomy
6. Colles fracture
7. Varicose vein
8. FAST ultrasonogram
9. Oesophageal varices
10. Triage

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THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0823) **AUGUST 2023** **Sub. Code: 1552**

M.Ch. – NEURO SURGERY

SIX YEARS COURSE

PART – I

PAPER II – GENERAL SURGERY

Q.P. Code: 181552

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Fundamental differences of war surgery, principles of war surgical management, Blast and Ballistic injury.
2. Human factor, Patient safety and quality improvement - Discuss.

II. Write notes on: **(10 x 7 = 70)**

1. Flaps.
2. Electrosurgery.
3. Computed Tomography.
4. Criteria for damage control surgery and early total care.
5. Wound dehiscence.
6. Post operative delirium.
7. Stem cells.
8. Five characteristic features of Suture Material.
9. Informed consent.
10. Pain control in Malignant Disease.

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THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0124) JANUARY 2024 Sub. Code: 1552

M.Ch. – NEURO SURGERY

SIX YEARS COURSE

PART – I

PAPER II – GENERAL SURGERY

Q.P. Code: 181552

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss the diagnosis and the management of a 45 year old female with a hard breast lump.

2. Describe the management of a patient with duodenal ulcer perforation.

II. Write notes on: **(10 x 7 = 70)**

1. Compartmental syndrome.
2. Psoas abscess.
3. Tamoxifen.
4. Tracheostomy.
5. Hydatid cyst.
6. Cushing's and Curling's ulcer.
7. Thyroglossal cyst.
8. Hypocalcemia.
9. Sigmoid volvulus.
10. Cervical rib.

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THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0824) **AUGUST 2024** **Sub. Code: 1552**

M.Ch. BRANCH II – NEURO SURGERY
SIX YEARS COURSE
PART – I

PAPER II – GENERAL SURGERY

Q.P. Code: 181552

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss in detail about Robotic surgery and Minimal access surgery. Write notes about surgical trauma in open, minimally invasive and robotic surgery.

2. Transplantation, Major issues concerning organ donation and outcomes after transplantation and future developments in transplantation.

II. Write notes on: **(10 x 7 = 70)**

1. Sports injury.
2. Grafts.
3. Fluid and electrolyte requirement in surgical patients.
4. High risk patients in surgery.
5. Post operative complications.
6. Timeline concept in trauma management.
7. Autologous blood transfusion.
8. Central venous catheterization.
9. Total Parental Nutrition.
10. Acute Respiratory Distress Syndrome.

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THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0225) FEBRUARY 2025 Sub. Code: 1552

M.Ch. BRACH II – NEURO SURGERY

SIX YEARS COURSE

PART – I

PAPER II – GENERAL SURGERY

Q.P. Code: 181552

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Steps and strategies in managing acute poly trauma.
2. Pathophysiology, clinical features and management of Prostrate cancer.

II. Write notes on: **(10 x 7 = 70)**

1. Acute Appendicitis.
2. Healing by secondary intention.
3. Universal precaution.
4. Positive nitrogen balance.
5. Feeding gastrostomy.
6. Crohn's disease.
7. Oesophageal varices.
8. Trigger finger.
9. Pericardiocentesis.
10. Colle's fracture.

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