

[LB 065]

AUGUST 2012

Sub. Code: 1902

M.Ch – ENDOCRINE SURGERY  
Paper – II ENDOCRINE SURGERY - GENERAL  
Q.P. Code: 181902

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. A 32 year old female patient presented with recurrent attacks of hypoglycaemia and profuse sweating. Ultrasonography showed a mass in the pancreas. Discuss in detail the management of this patient. | 16 | 35 | 15 |
| 2. A 40 year old male patient was detected to have a 4cm x 6cm Right adrenal mass during routine health check. Discuss in detail the management of this patient.   | 16 | 35 | 15 |

II. Write notes on :

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|---|---|----|---|
| 1. Management of Conn's syndrome.   | 4 | 10 | 7 |
| 2. Investigations for Acromegaly and the surgical management of the same.                                   | 4 | 10 | 7 |
| 3. Management of Bilateral adrenal hyperplasia.   | 4 | 10 | 7 |
| 4. Steps involved in Parathyroid auto transplantation and indications for parathyroid auto transplantation. | 4 | 10 | 7 |
| 5. Hypercalcemic crisis and its management.   | 4 | 10 | 7 |
| 6. Postoperative management of parathyroid adenoma.   | 4 | 10 | 7 |
| 7. Indications for MIBG scan and its relevance in the management of Pheochromocytoma.                       | 4 | 10 | 7 |
| 8. What is Focussed parathyroidectomy? Write about indications and contraindications for the same.          | 4 | 10 | 7 |
| 9. Investigations to differentiate Cushing's disease from Cushing's syndrome.                               | 4 | 10 | 7 |
| 10. Midgut carcinoid and its management.  | 4 | 10 | 7 |

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**Paper – II ENDOCRINE SURGERY - GENERAL**  
*Q.P.Code: 181902*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. A 36 year old female presented with multiple bone fractures and found to have serum calcium of 13.5 mg%. Discuss the management of this patient.
2. A 45 year old female presented with truncal obesity, striae and vertebral collapse fractures. Discuss your approach to diagnosis and management.

**II. Write notes on:**

**(10X7=70)**

1. Ultrasound evaluation of thyroid nodules.
2. Trans-sphenoidal hypophysectomy.
3. Clinical presentation and pathology of primary, secondary and tertiary hyperparathyroidism.
4. Management of Conn's Syndrome.
5. Nelson's syndrome.
6. Familial paraganglioma syndrome.
7. Preoperative preparation and anaesthetic management of pheochromocytoma.
8. Management of hypocalcaemia.
9. Minimally invasive strategies for parathyroidectomy.
10. Zollinger-Ellison syndrome.

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[LF 065]

AUGUST 2014

Sub. Code: 1902

**M.Ch. – ENDOCRINE SURGERY**  
**Paper II – ENDOCRINE SURGERY - GENERAL**

*Q. P. Code: 181902*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer ALL questions in the same order.**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Surgical anatomy of pituitary gland and detail the causes and management of Hypopituitarism.
2. Ectopic hormone syndromes - diagnosis and management.

**II. Write notes on:**

**(10 x 7 = 70)**

1. McCune Albright syndrome
2. Bilateral inferior petrosal sinus Anatomy and sampling
3. Diagnosis and management of Pancreatic incidentalomas
4. Hypoglycemic Endocrinopathies
5. Familial hypocalciuric hypercalcemia
6. Parathyroid hormone related protein and its clinical implications
7. Pathogenesis of Hypoaldosteronism and its management
8. Insulin like growth factor I and its clinical applications
9. Autoimmune polyglandular syndromes
10. Indications for Vitamin D screening and management of sub clinical Vitamin D deficiency.

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