

DETAILED SYLLABUS FOR THE POST OF ASSISTANT PROFESSOR
(ENDOCRINOLOGY) IN MEDICAL EDUCATION DEPARTMENT)
CAT NO: 189/2024 – TOTAL : 100 MARKS

Part I

Module 1 : BASIC ENDOCRINOLOGY (10 Marks)

1. Anatomy and, physiology of endocrine glands (3 Marks)
2. Dynamic investigations (4 Marks)
3. Epidemiology of Endocrine diseases (3 Marks)

Module 2 : Pituitary - (15 marks)

Aetiology, Clinical features, diagnosis, differential diagnosis, treatment and complications of the following diseases - (5 Marks each)

- i) Acromegaly
- ii) Pan hypopituitarism
- iii) Post partum pituitary diseases

Module 3 : Thyroid - (15 Marks)

Aetiology, Clinical features, differential diagnosis, treatment and complications of the following diseases

- a) Thyrotoxicosis (5 Marks)
- b) Hypothyroidism (3 Marks)
- c) Nodular Goitre evaluation and management (5 Marks)
- d) Congenital Hypothyroidism (2 Marks)

Module 4 : Adrenals -(20 Marks)

Aetiology, Clinical features, investigations and treatment of the following diseases - (5 Marks each)

- a) Cushing's syndrome
- b) Addison disease
- c) Imaging of adrenals
- d) Adrenal tumour

Module 5 : DSD - (2 Marks)

1.Approach to ambiguous genitalia

Module 6 : Diabetes and Metabolism - (15 Marks)

- a) Classification, diagnosis and investigations in Diabetes (3 Marks)
- b) Microvascular complications (3 Marks)
- c) Macrovascular complications (3 Marks)
- d) Therapeutics in diabetes (3 Marks)
- e) Prevention of Diabetes (3 Marks)

Module 7 - Metabolic bone diseases - (8 Marks)

- a) Osteoporosis (3 Marks)
- b) Hyper parathyroidism (3 Marks)
- c) Hypoparathyroidism (2 Marks)

Module 8 : Growth and Puberty (Two marks each) - (6 Marks)

- a) Delayed Puberty
- b) Precocious Puberty
- c) Assessment of Growth

Module 9 : Lipidology - (2 Marks)

- a) Hyperlipidaemia - assessment and treatment

Module 10 :Multiple endocrine issues - (7 Marks)

- a) Multiple endocrine neoplasia (2marks)
- b) Polyglandular insufficiency syndrome (2marks)
- c) Genetics in Endocrinology (2marks)
- d) Interventions in Endocrinology (1mark)

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper
