



**ENDOCRINOLOGY TEST FOR STUDENTS IV COURSE**

**1. What are the recommended values of HbA1c in patients with diabetes mellitus ?**

- A <12 %
- B <10%
- C <15%
- D <7%

**2. Which of the following are symptoms of Addison's disease ?**

- A Hyperpigmentation of the skin and mucous membranes
- B Weight gain
- C the Moon-shaped facies
- D Skin stretch marks
- E Diplopia
- F Orthostatic hypotension
- G Weight loss
- H Fatigue

**3. Which of the following are symptoms of Hypothyroidism ?**

- A hair loss
- B Oily skin

- C Weight Loss
- D Weakened tendon reflexes
- E Dry skin
- F Weight Gain

**4. Which of the following is the most common cause of Cushing's Syndrome ?**

- A adenoma of the adrenal gland
- B Treatment with glucocorticoids
- C Ectopic ACTH secretion
- D Pituitary adenoma

**5. Which of the following symptoms are characteristic of hyperthyroidism ?**

- A Weight gain
- B Heat intolerance
- C Frequent urination
- D Weight reduction
- E Tremor
- F Diarrhea

**6. Which of the following hormones are produced in the back of the pituitary gland ?**

- A Growth Hormone
- B Adrenocorticotrophic hormone
- C Oxytocin
- D Prolactin

- E Thyroid stimulating hormone
- F Vasopressin ( antidiuretic hormone )
- G Follicle-stimulating hormone
- H Luteinizing hormone

**7. CO e is the most common disease with hyperthyroidism ?**

- A Toxic thyroid adenoma
- B Toxic hay fever
- C Graves's disease
- D Thyroiditis

**8. Which of the following studies is the "gold standard" in the diagnosis of acromegaly?**

- A Oral Glucose Tolerance Test + Measurement of Growth Hormone
- B Measurement of growth hormone
- C Measuring Somatotropin Release Hormone
- D Measurement of serum IGF-1

**12. Which of the following are the effects of cortisol?**

- A Suppresses the function of immune cells
- B Stimulates the function of immune cells
- C Stimulates glucoeogenesis
- D Lowers blood sugar levels
- E Improves immune function
- F Raises blood sugar levels

**13. What do Leydig cells produce in men?**

- A Testosterone
- B Oxytocin
- C The androgen binding globulin
- D Semen

**14. Which of the following symptoms are observed in type 1 diabetes?**

- A Oliguria
- B Weight loss with increased appetite
- C Polyuria
- D Reduced thirst
- E Common reddening of the skin

**15. Which of the following drugs is included as the first line of choice (first treatment ) in patients with newly diagnosed type 2 diabetes and obesity?**

- A Exenatide
- B Pioglitazone
- C Metformin
- D Gliclazide