

Endocrine System

1. This is Not a Function of Insulin

- (a) Decreasing glycogenolysis
- (b) Lipogenesis
- (c) Gluconeogenesis
- (d) Glycogenesis

2. The Action of Parathormone in the Human Body

- (a) Decreases blood sodium level
- (b) Increases blood sodium level
- (c) Decreases blood calcium level
- (d) Increases blood calcium level

3. Effects of Hypothyroidism Include All but This

- (a) Diarrhoea
- (b) lethargy
- (c) Anorexia
- (d) Weight gain

4. Glucagon

- (a) Accelerates protein synthesis within cells
- (b) Accelerates the conversion of glycogen into glucose
- (c) Decreases the conversion of glycogen into glucose
- (d) Slows down glucose formation from lactic acid

5. Pituitary Hormone Triggering the Male Testes to Generate Sperm and in Females, Triggering Follicular Development Every Month Is

- (a) Prolactin
- (b) Growth hormone
- (c) Follicle-stimulating hormone
- (d) Luteinizing hormone

6. This Hormone Is Responsible for the “Fight-or-Flight” Response

- (a) Thyroxine and melatonin
- (b) Insulin and glucagon
- (c) Epinephrine and norepinephrine
- (d) Oestrogen and progesterone

7. Difference Between Endocrine and Exocrine Glands is That

- (a) Endocrine glands release hormones while exocrine glands release waste
- (b) Endocrine glands are interconnected but exocrine glands are totally independent from each other.
- (c) Endocrine glands are formed by epithelial tissue, exocrine glands are connective

tissues primarily

(d) Endocrine glands are ductless, exocrine glands release secretions into ducts or at the surface of the body

8. This Hormone is Not Secreted by Hypothalamus

- (a) PRH
- (b) FSH
- (c) CRH
- (d) TRH

9. This is the Most Abundant Hormone Produced by the Anterior Pituitary

- (a) LH
- (b) TSH
- (c) ACTH
- (d) GH

10. This is Not an Endocrine Gland

- (a) Adrenal
- (b) Pituitary
- (c) Lacrimal
- (d) Thyroid

11. Androgens are secreted from

- A Leydig cells and placenta
- B Testis and adrenal cortex
- C Adenohypophysis and testis
- D Leydig cells and adrenal cortex

12. Diabetes mellitus is due to deficiency of

- A insulin
- B glucagon
- C trypsin
- D ADH

13. The spermatogenesis in mammalian testis is controlled by

- A follicle stimulating hormone (FSH)
- B luteinizing hormone (LH)
- C ICSH
- D LH and ICSH

14. Estrogen is secreted by cells of

- A theca interna
- B theca externa
- C theca interna cells of developing Graafian follicles

D corpus luteum

15. Male reproductive functions are controlled by

A FSH

B Testosterone

C FSH and LH

D All of these

16. A posterior pituitary hormone released during parturition is

A Oxytocin

B Vasopressin

C ICSH

D ACTH

Answers key

1.(C) 2.(D) 3.(A) 4.(B) 5.(C) 6.(C) 7.(D) 8.(B) 9.(D) 10.(C)
11.(B) 12.(A) 13.(A) 14.(C) 15.(D) 16.(A)