

TELANGANA UNIVERSITY
S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029)
IV SEMESTER INTERNAL ASSESSMENT-I EXAMINATIONS
ENDOCRINOLOGY QUESTION BANK

I. Multiple Choice Questions.

10x1/2=5

- 1) Chemical messengers secreted by duct less glands are called (D)
a) Platelets b) Plasma c) FEMA oct d) Hormones
- 2) Name the gland which releases neurohormone (D)
a) Pancreas b) Thyroid c) Pituitary d) Hypothalamus
- 3) Which of the following protein based hormone (B)
a) Oxytocin b) insulin c) TSH d) Antiduretic
- 4) Name Hormone which is synthesized from histidine amine acid (D)
a) Dopamine b) Nore pinephrine c) epinephrine d) Histamine
- 5) What is precursor of steroid Horone (B)
a) Protein b) Cholesterol c) Carbohydrate d) Lipid
- 6) Which of the following is a fat souble hormone (C)
a) Amine hormore b) Peptial Hormone c) Thyroid hormone d) Protein Hormone
- 7) Which of the following is a first reported Hormone (A)
a) Secretin b) Thyroid c) TSH d)LH
- 8) Which of these is not an endrocrine gland (A)
a) Hypothalamus b) Pituitary c) Parathyriod d) Pancrease
- 9) Find out one which is not precursor of the harmone (C)
a) Amino acids b) Cholesterol c) Phospholipids d) Proteins
- 10) Make the one which is not inhibited by effect of somatostation (D)
a) 07H b) TSH c) Glucagon d) Dopamin
- 11) Vasopressin also called (A)
a) ADH b) FSH c) ACTH d) PRL

- 12) Hormone of thymus gland is (C)
a) Aldosterone b) Thyroid c) Thymosin d) GH
- 13) Estrogen is a (B)
a) peptide Hormone b) Steroid Hormone c) Amine Hormone d) protein
- 14) Which one of these is not a steroid hormone (A)
a) Insulin b) Estrogen c) Progesteron d) testosterone
- 15) Cortisol is secreted by (A)
a) Adrenal glands b) Gonads c) Thymus d) Pancreas
- 16) Epinephrine is also called as (B)
a) ADH b) Adrenalin c) PRL d) somatostatin
- 17) Which of these is not a pituitary hormone (D)
a) GH b) PRL c) FSH d) melatonin
- 18) Which hormone is responsible of uterine contraction (B)
a) ADH b) Oxytocin c) TSH d) Melatonin
- 19) Body temperature is primarily regulated by (A)
a) Hypothalamus b) Pituitary c) Thyroid d) Gorads
- 20) Which of these are nota peptide hormone (D)
A) GH b) Insulin c) Glucagan d) Testosteron

II. Fill in the Blanks.

10x1/2=5

1. **Somatostatin** is the growth hormone inhibiting hormone
2. Name the hormone which is released by posterior pituitary **oxytain & Vasopressin**
3. Endocrine glands are **ductless gland**
4. **Beta** cells of pancreas secrete inslulin
5. **Pineal** gland is responsible for circadian rhyton
6. Endocrine gland differ from exocrine glands in that **absent of ducts**
7. The primary target of the releasing & inhibiting hormone of the hypothalamus is the **anterior pitutory**
8. **Gonads** are differ in males & females

9. Calcium level in the blood regulated by **Parathyroid**
10. **GH** is the Hormone of anterior pituitary
11. Somatotropin also called **Growth hormone**
12. Hypothalamus also known as **Master control center**
13. **Pituitary** is also known as hypophysis
14. Pineal gland also called as **epiphysis cerebri**
15. Melatonin is a hormone of **pineal** gland
16. ADH also called as **Vasopressin**
17. FSH means follicles stimulating hormone
18. **Oestrogen & progesterone** are Female hormones
19. The two IMP hormones of pancreas **Insulin & glucagon**
20. Male Hormones called **Androgens**

III. Answer the following questions.

5x2=10

1. Study of Endocrinology ?
A. Endocrinology is the study of hormones, The endocrine system, and the diseases that arise from hormonal imbalances.
2. Neuro transmitters ?
A. Neuro transmitters are chemical messengers, that carry signals between newrons muscle & glands.
3. Invertebrate endocrine system ?
A. The chemical signaling network in animals lacking a spinal column, coordinating functions through hormones released by specialized cells, tissues & organs.
4. Who coined the term Hormone ?
A. Ernest starling coined the term hormone in 1905 to describe internal secretions that effect distant tissues
5. Thyroid gland function
A. The thyroid gland produces hormones that regulate metabolism, growth, & development.
- 6) Secretin functions ?
A. It is produced by duodenum, stimulates The panereas to secreter digestive fluids, which helps neutralized acidic chime entering the small intestine from the stomach.
- 7) What is the role of progesterone in females ?
A. Progesterone is a key hormone in women, playing a vital role in regulating the menstrual cycle and supporting pregnancy
- 8) What is a hormone ?
A. A hormone is a chemical messenger produced by the body's endocrine glands that travels the blood stream to target cells & organs, influencing various bodily functions

9) What is homeostasis ?

A. Homeostasis is the process by which living things maintain a stable internal environmental or balance it's a self – regulating process that helps the body function properly and survive.

10) Thymosin hormone functions ?

A. A hormone secreted by the thymus gland, primarily functions to stimulate the development and maturation of T – cells.