

COMPLETE ENDOCRINE

EXERCISE-6

- Carbohydrate metabolism is governed by :-
(1) Thyroxine (2) Insulin
(3) Glucocorticoids (4) All
- Which of the following does not secrete any hormone :-
(1) Testes (2) Spleen
(3) Stomach (4) Intestin
- In diabetes disease the urine contains :-
(1) Salt (2) Fat
(3) Protein (4) Sugar
- Secretin stimulates the activity of :-
(1) Liver (2) Gastric gland
(3) Pancreas (4) Gall-bladder
- Adrenaline hormone causes :-
(1) Increase in blood pressure
(2) Increase in heart beat
(3) Both of them (4) None of them
- Main similarity between hormone and enzyme is :-
(1) Both act at particular pH
(2) Both are protein
(3) Both are required in small amount
(4) Both can be used again and again
- Largest amount of iodine is found in :-
(1) Adrenals (2) Liver
(3) Thyroid (4) Testes
- A patient of diabetes mellitus drink water because he eliminates the blood, extra amount of which substance :-
(1) Protein (2) Sugar
(3) Water (4) Hormone
- Which hormone stimulates contraction of gall bladder :-
(1) CCK-PZ (2) ACTH
(3) LTH (4) FSH
- Which of the following has no role in secretion of hormone :-
(1) Rickets and mongolism
(2) Diabetes mellitus and cretinism
(3) Gigantism and exophthalmia
(4) Cretinism and diabetes
- Which gland prepares you for flight, fright and fight during adverse conditions :-
(1) Thyroid (2) Parathyroid
(3) Pituitary (4) Adrenals
- Which hormone secretion is under nervous control
(1) Adrenal cortex (2) Anterior pituitary
(3) Posterior pituitary (4) Pineal body
- Which one of the following does not match is biological category of chemical substance
(1) Gastrin (2) Renin
(3) Oxytocin (4) Creatinine
- Sex hormone will work without the help of :-
(1) Gonadotropins (2) Placenta
(3) Pituitary (4) Insulin
- Hypophysectomy leads to :-
(1) Heart attack (2) Increased digestion
(3) Death
(4) Regression of reproductive function
- Which of the following is not a steroid hormone
(1) Androgen (2) Aldosterone
(3) Estrogen (4) Relaxin
- Which of following is not a protein hormone :-
(1) Relaxin (2) HCG
(3) Placental lactogen (4) Estradiol
- Which of the following is not an endocrine gland :-
(1) Pancreas (2) Adrenal gland
(3) Thyroid gland (4) Salivary gland

19. Which of the following hormones is not proteinaceous in nature :-

- (1) TSH (2) Aldosterone
(3) LH (4) FSH

20. One of the following is antagonistic :-

- (1) FSH & LH
(2) Oxytocin & Vasopressin
(3) Noradrenaline & adrenaline
(4) Insulin & Glucagon

21. Find out incorrect :-

- (1) Pituitary – FSH
(2) Thyroid – T₄
(3) Ovary – Calcitonin
(4) Islets of Langerhans – insulin

22. Ectodermal in origin is :-

- (1) Pituitary gland (2) Pineal body
(3) Lens of eye (4) All of the above

23. Blood pressure is controlled by :-

- (1) Adrenal gland (2) Thyroid gland
(3) Pituitary gland (4) None

24. "Brain sand" is found in :-

- (1) Thyroid (2) Thymus
(3) Pineal body (4) All

25. Which of the following is not a hormone :-

- (1) Vitamin D (2) Thyroxine
(3) Adrenaline (4) None of these

26. Life saving hormones are secreted by :-

- (1) Pituitary (2) Pineal
(3) Adrenals (4) Thyroid

27. Both organs of which set secrete hormones :-

- (1) Spleen – brain (2) Intestine, pancreas
(3) Spleen, liver (4) Testes, placenta

28. Which gland does not originate from embryonic endoderm :-

- (1) Thymus (2) Parathyroid
(3) Adrenal cortex (4) Thyroid

29. Structure which has no role in endocrine secretion

- (1) Duodenal epithelium
(2) Testes
(3) Adrenal medulla
(4) Submaxillary gland

30. Which is the largest endocrine gland :-

- (1) Thyroid (2) Liver
(3) Pituitary (4) Thymus

31. Temperature of the body is controlled by which endocrine gland :-

- (1) Pituitary (2) Thyroid
(3) Adrenal (4) Pancreas

32. Simmonds disease is :-

- (1) Hyperthyroidism (2) Hypothyroidism
(3) Hypopituitarism (4) Hyperpituitarism

33. Which endocrine gland is not of ectodermal origin

- (1) Pineal body (2) Anterior pituitary
(3) Adrenal medulla (4) Thymus

34. Insulin differs from growth hormone in :-

[CBSE-1999]

- (1) Increases activity of m-RNA and Ribosomes.
(2) Increase the permeability of cell membrane.
(3) Affects metabolism of fats by inducing lipogenesis.
(4) Increasing protein synthesis.

35. Which gland decreases in size with increasing age.

[CBSE-1999]

- (1) Thyroid (2) Adrenal
(3) Thymus (4) Pituitary

36. Reason, why hair loss is more in old age –

[CBSE-2000]

- (1) Reduction of blood supply
(2) Decrease in protein synthesis
(3) Low energy production
(4) Reduced storage of glycogen

37. Elanin protects from :-

[CBSE-2002]

- (1) U.V. rays (2) Visible rays
(3) Infrared rays (4) X-r

- 38.** Which one of the following pairs correctly matches a hormone with a disease resulting from its deficiency [CBSE-2002]
 (1) Relaxin – Gigantism
 (2) Prolactin – Cretinism
 (3) Parathyroid hormone – Tetany
 (4) Insulin – Diabetes insipidus
- 39.** Which of the following act as local messenger :- [RPMT - 2000]
 (1) Carrier protein (2) Glycoprotein
 (3) Phospholipid (4) Glycolipid
- 40.** Sodium – potassium pump is :- [RPMT-2001]
 (1) A hormone (2) An enzyme
 (3) A protein carrier (4) An organelle
- 41.** Why thyroxine is a hormone, not an enzyme- [RPMT-2001]
 (1) It is secreted in small quantity
 (2) It is not a polypeptide
 (3) It has no special effect
 (4) It is directly poured into blood
- 42.** Which one of the following pair's correctly matches a hormone with a disease resulting from its deficiency :-[CBSE-2004]
 (1) Insulin – Diabetes insipidus
 (2) Thyroxine – Tetany
 (3) Parathyroid hormone – Diabetes mellitus
 (4) Luteinizing hormone – Failure of ovulation
- 43.** Which hormone causes dilation of blood vessels, increased oxygen consumption and gluconeogenesis ? [CBSE-2006]
 (1) Adrenalin (2) Glucagon
 (3) ACTH (4) Insulin
- 44.** Sertoli cells are regulated by the pituitary hormone known as [CBSE-2006]
 (1) Prolactin (2) LH
 (3) FSH (4) GH
- 45.** A steroid hormone which regulates glucose metabolism is [CBSE-2006]
 (1) 11-deoxycorticosterone
 (2) Cortisone
 (3) Cortisol (4) Corticosterone
- 46.** Which one of the following is not a second messenger in hormone action ? [CBSE-2006]
 (1) Sodium
 (2) cAMP
 (3) cGMP
 (4) Calcium
- 47.** Tadpoles of frog can be made to grow as giant sized tadpoles, if they are : [AIIMS-2006]
 (1) administered antithyroid substance like Thiourea.
 (2) administered large amounts of thyroxine
 (3) reared on a diet rich in egg yolk
 (4) reared on a diet rich in both egg yolk and glucose
- 48.** Which one of the following pairs of organs includes only the endocrine glands ? [AIIMS-2008]
 (1) Thymus and Testes
 (2) Adrenal and Ovary
 (3) Parathyroid and Adrenal
 (4) Pancreas and Parathyroid
- 49.** The blood calcium level is lowered by the deficiency of :- [AIIMS-2008]
 (1) Both calcitonin and Parathormone
 (2) Calcitonin
 (3) Parathormone
 (4) Thyroxine
- 50.** In human adult females Oxytocin :- [AIIMS-2008]
 (1) Stimulates pituitary to secrete vasopressin
 (2) Causes strong uterine contraction during parturition
 (3) is secreted by anterior pituitary
 (4) stimulates growth of mammary glands

ANSWER KEY**EXERCISE-6**

Q.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A.	4	2	4	3	3	3	3	2	1	1	4	3	4	4	4
Q.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
A.	4	4	4	2	4	3	4	1	3	4	3	4	3	4	1
Q.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
A.	2	3	4	3	3	1	1	3	1	3	4	4	1	2	3
Q.	46	47	48	49	50										
A.	1	1	3	3	2										