

Board – CBSE

Class – 11

Chapter – Chemical Control and Integration

1. Which amongst the two adrenocortical layers, zona reticularis, and zona glomerulosa lies outside wrapping the other?
2. Which is the only hormone that is secreted by the pars intermedia of the pituitary gland?
3. Which hormone aids in cell-mediated immunity?
4. What is the function of Leydeig's cells?
5. What is the role of melanocyte stimulating hormone?
6. Which hormonal deficiency is responsible for the following:
  - (a) Diabetes mellitus
  - (b) Goitre
  - (c) Cretinism
7. How does hypothyroidism affect the maturation and development of a growing baby, generally seen during pregnancy?
8. Which hormone is known as anti-aging hormone?
9. Name the organ which secretes progesterone.
10. Name one disorder caused by hyperfunctioning of the pituitary.
11. List the hormones secreted by the following.
  - (a) Hypothalamus
  - (b) Pituitary
  - (c) Thyroid
  - (d) Parathyroid
  - (e) Adrenal
  - (f) Pancreas
  - (g) Testis
  - (h) Ovary
  - (i) Thymus
  - (j) Kidney

12. Which is the steroid that controls inflammatory responses? Name its source and its other functions.
13. Give two examples of endocrine glands.
14. How many lobes does the thyroid gland have?
15. Which gland produces the hormone called thyrocalcitonin (TCT) which regulates the blood calcium levels?
16. Why is vasopressin known as antidiuretic hormone?
17. What is cretinism?
18. What is the location of the pituitary gland?
19. What happens if a person suffers from prolonged hyperglycemia?
20. What are the causes and symptoms of hormonal disorders?
21. Define the following:
  - (a) Exocrine glands
  - (b) Endocrine glands Hormones
22. What are hormone receptors? What are the modes of their action?
23. What is corpus luteum? Name its one secretion.
24. Differentiate hormone & neurohormone?
25. Explain the hormones of the kidney and GI tract.
26. Why is oxytocin called the 'birth hormone'?
27. In general, how steroid hormones affect changes in their target cells.
28. Draw a well labelled diagram showing the location of the parathyroid gland. Discuss the function/(s) of parathormone and hyperparathyroidism.
29. Describe the physiological functions & disorders of thyroid gland.
30. Explain the mechanism of hormone action.