

1. What will happen if thyroxine is injected inside a young tadpole of frog? 1998
2. What happens if there is deficiency of thyroxine hormone in an adult? 1996
3. Give the scientific term for removal of pituitary gland. 2002
4. Name the hormone that regulates each of the following and their sites of production.
 - a. Sodium and potassium ion metabolism 1997, 2003
 - b. Rise in calcium ion level ion blood. 1997, 2003
 - c. Increase in glucose utilization 1997, 2003
 - d. Glucocorticoid secretion 1997
5. Name any two gonadotropins and mention their functions. 1998
6. Name the hormones which reduce excess calcium in the blood. 2000
7. State the site of production and function of the following 1995, 2004
 - a. Secretin
 - b. Gastrin
 - c. Cholecystokinin
 - d. Oxytocin
 - e. Tropic hormones
8. Adrenalin is called an emergency hormone. Justify 1996,98
9. Mention the hormones produced by the following and state the functions of each hormone. 1995, 2002
 - a. B-cells of pancreas
 - b. Cells of Leydig
 - c. Adrenal medulla
 - d. Parathyroid
10. State the location of the pituitary gland in the body. List the hormones secreted by this gland. How does pituitary regulate the activity of other endocrine glands? 1999
11. Differentiate between Glucocorticoids and mineralocorticoids. 2002
12. Name the hormone associated with the following: 1M (2005)
 - a. Reabsorption of water from the urine in the distal convoluted tubule.
 - b. Rise in blood calcium
13. Give the site of secretion and the function of each of the following hormones: 4(2006)

a. Antidiuretic hormone	c. Mineralocorticoids
b. Relaxin	d. Insulin
14. What are tropic hormones? 2007
15. Mention the site of secretion and function of the following 4m 2008
Prolactin, parathormone, glucagon and testosterone
16. Most people living in hilly regions suffer from goiter. Give reason. 1m 2010
17. Expand ACTH. 1/2M(2010)

18. Mention the site of secretion and function of following hormone

a) Insulin

b) Oxytocin

2M(2010)

19. Adrenaline is referred to as emergency hormone. give reason.

1M.(2011)

20. Mention the site of secretion and function of following:

a) Glucocorticoids

b) Calcitonin

c) Glucagon

3M(2011)