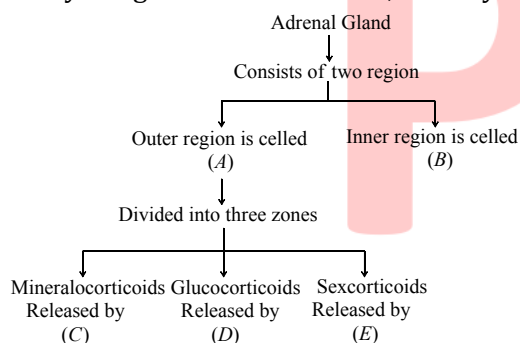


Class : XIth
Date :

Subject : BIOLOGY
DPP No. : 4

Topic :- Chemical Coordination and Integration

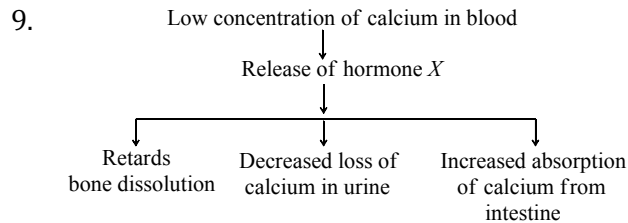
- The cause of cretinism is
a) Hypothyroidism
b) Hypoparathyroidism
c) Hyperthyroidism
d) Hyperparathyroidism
- Hyposecretion of growth hormone causes
a) Dwarfism
b) Cretinism
c) Myxoedema
d) Acromegaly
- The decline and disappearance of gland by the middle age is primary cause of ageing
a) Thyroid
b) Thymus
c) Adrenal
d) Parathyroid
- Study the given flow chart and, identify *A, B, C, D* and *E*



- A-Cortex, B-Medulla, C-Zona glomerulosa, D-Zona reticulata, E-Zona fasciculata
 - A-Cortex, B-Medulla, C-Zona glomerulosa, D-Zona fasciculata, E-Zona reticulata
 - A-Medulla, B-Cortex, C-Zona glomerulosa, D-Zona fasciculata, E-Zona reticulata
 - A-Medulla, B-Cortex, C-Zona glomerulosa, D-Zona reticulata, E-Zona fasciculata
- Which of the following hormones are secreted by pancreas?
a) Insulin and glucagon
b) Epinephrine and norepinephrine
c) Thyroxine and melanin
d) Lactocin and oxytocin
 - Father of Endocrinology is
a) Huxley
b) Thomas Addison
c) Abel
d) Kimball and Murlin

7. Which of the following is correct
- | | | | |
|--------------------|-----------------------|-----------------|---------------------|
| a) Leukaemia | - Skin cancer | b) Diabetes | - Sugar free |
| c) Rheumatic fever | - Defective pacemaker | d) Heart attack | - Radiation therapy |

8. Which of the following hormones is not a secretory product of human placenta?
- | | |
|----------------------------------|-----------------|
| a) Human chorionic gonadotrophin | b) Prolactin |
| c) Oestrogen | d) Progesterone |



Name the hormone X

- | | | | |
|--------|--------------------|---------------------|---------|
| a) PTH | b) Adrenal hormone | c) Both (a) and (b) | d) ACTH |
|--------|--------------------|---------------------|---------|
10. Molecule that bind the receptor and induces cell the post-receptor events is called ...A... and molecule that bind to the receptor and inhibit all the post-receptor events is called ...B....
- | | |
|----------------------------|----------------------------|
| a) A-antagonist, B-agonist | b) A-agonist, B-enzyme |
| c) A-antagonist, B-hormone | d) A-agonist, B-antagonist |
11. In males, the spermatogenesis is regulated by
- | | | | |
|--------|--------------|---------------------|-----------------|
| a) FSH | b) Androgens | c) Both (a) and (b) | d) Hypothalamus |
|--------|--------------|---------------------|-----------------|
12. Hormone is a/an
- | | |
|----------------------|------------------------|
| a) Enzyme | b) Chemical messenger |
| c) Excretory product | d) Glandular secretion |
13. Chemically hormones are
- | | |
|-------------------------|---|
| a) Biogenic amines only | b) Proteins, steroids and biogenic amines |
| c) Proteins only | d) Steroids only |
14. MSH is produced by
- | | | | |
|------------|-----------------------|------------------------|--------------------|
| a) Thyroid | b) Anterior pituitary | c) Posterior pituitary | d) Pars intermedia |
|------------|-----------------------|------------------------|--------------------|
15. The hormone oxytocin and vasopressin are secreted by
- | | | | |
|--------------------|--------------------|-----------------|--------------------|
| a) Neurohypophysis | b) Adenohypophysis | c) Hypothalamus | d) Adrenal medulla |
|--------------------|--------------------|-----------------|--------------------|

16. Androgens act on the ...A... and influence the male sexual behavior called ...B... . These hormones produce ...C... effect on protein and carbohydrate metabolism. Choose the correct combination of A, B and C
- a) A-PNS, B-libido, C-catabolic b) A-ANS, B-libido, C-catabolic
c) A-CNS, B-libido, C-anabolic d) A-CNS, B-libido, C-catabolic
17. Which accessory genital gland occurs only in mammalian male?
- a) Prostate gland b) Perineal gland c) Cowper's gland d) Bartholin gland
18. Decrease in the calcium level in blood is caused by
- a) Prolactin b) Calcitonin c) Adrenocorticotrophin d) Oxytocin
19. Which of the following vitamins has some physiological effects similar to those of parathormone?
- a) Vitamin- A b) Vitamin- D c) Vitamin- C d) Vitamin- B
20. I. The adrenal cortex secretes many hormones called corticoids
II. Corticoids involved in carbohydrate metabolism are called glucocorticoids
III. Cortisol is main glucocorticoids
IV. Aldosterone is the main mineralocorticoids
Select the correct combination from the given options
- a) I, II and III b) II, III and IV c) I, III and IV d) I, II, III and IV