

BIOLOGY

BOOKS - SANTRA BIOLOGY (BENGALI ENGLISH)

CHEMICAL CO-ORDINATION AND REGULATION

Exercise Multiple Choice Type Questions

- **1.** $Emer \geq ncyh$ or $mo \neq is$ otherwise called as
 - A. Cortisone
 - B. acetylcholine
 - C. adrenaline
 - D. dopamine

Answer: C



Marial Wiles Calcutan

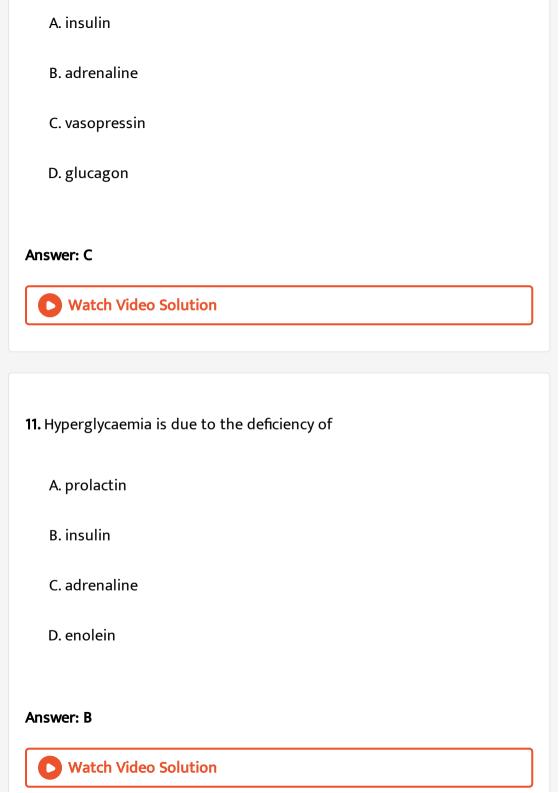
watch video Solution
2. Which of the following diseases results from endocrine disorder ?
A. Jaundice
B. pneumonia
C. goitre
D. typhoid
Answer: C Watch Video Solution
3. Growth hormone is produced by
A. cortex
B. hypothalamus
C. hypothesis

D. adrenal medulla
Answer: C
Watch Video Colution
Watch Video Solution
4. Corpus luteum produces
A. testosterone
B. thyroxin
C. progesterone
D. oestrone
Answer: C
Watch Video Solution
5. Oestrogen is one of the hormone produced by

A. suprarenal glands
B. pituitary
C. ovary
D. testes
Answer: C
Watch Video Solution
6. Oxytocin stimulates contraction of
A. testes
A. testes
B. uterus
C. ovary
D. heart
Answer: B
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7. Hyposecretion of thyroxin in children causes
A. cretinism
B. myxoedema
C. grave's disease
D. none of these
Answer: A
Watch Video Solution
8. Pick out the false statement with reference to exophthalmic goitre
A. thyroid gland enlarges
B. failure of thyroid secretion causes this disease
C. eye balls bulge

D. person suffers from temperature, nervousness and irritability
Answer: B
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9. Which of the following hormones initiates secretion of milk?
A. luteinizing hormone
B. progesterone
C. somatotrophic hormone
D. prolactin
Answer: D
Watch Video Solution
10. Diabetes insipidus is caused due to deficiency of



12. Which of the following is responsible for ovulation and formation of
corpus luteum?
A. TSH
B. LH
C. LTH
D. STH
Answer: B
Answer: B Watch Video Solution
Watch Video Solution
Watch Video Solution 13. Which of the following hormones induces contraction of uterine wall
Watch Video Solution 13. Which of the following hormones induces contraction of uterine wall

C. thyroxine
D. somatothrophic hormone
Answer: A
Watch Video Solution
14. Which of the following human conditions is incorrectly paired with a
hormone?
A. diabetes-insulin
B. hypopituitary dwarfism - ACTH
C. acromegaly-growth hormone
D. cretinism-thyroid hormones
Answer: B
Watch Video Solution

15. PTH and calcitonin (CT) control the levels of which of the following
ions in blood?
A. Na
B. Ca
C. K
D. Cl
Answer: B
Watch Video Solution
16. The anterior pituitary controls the secretion of
A. both cortisol and aldosterone
B. thyroxine
C. both the adrenal medulla and adrenal cortex
D. all of these

Answer: B



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- 17. Aldosterone causes the
 - A. kidneys to reabsorb sodium
 - B. kidneys to release renin
 - C. blood volume to increase
 - D. all of these

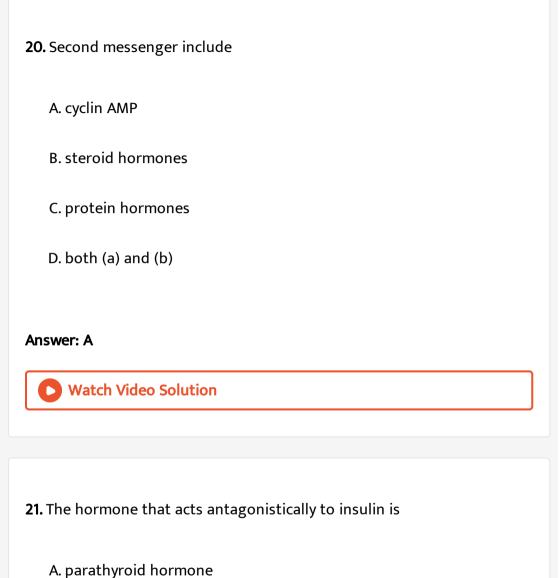
Answer: D



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18. The gland that prepares the body to react to stress by releasing epinephrine is the

A. anterior pituitary B. adrenal cortex C. adrenal medulla D. posterior pituitary **Answer: C Watch Video Solution** 19. The adrenal glands lie in contact with the back of the A. pancreas B. hypothalamus C. kidneys D. thyroid Answer: C **Watch Video Solution**



B. aldosterone

C. glucagon

D. norepinephrine
Answer: C
Watch Video Solution
22 lowers blood sugar levels whereas raises it.
A. gastrin, insulin
B. insulin, glucagon
C. gastrine, glucagon
D. glucagon, insulin
Answer: B
Watch Video Solution
23 Which organs does not synthesize hormones?

A. adrenal cortex B. pineal gland C. heart D. anterior pituitary **Answer: C Watch Video Solution** 24. ADH and oxytocin are hypothalamic hormones secreted from which lobe of the pituitary gland? A. intermediate B. secondary C. posterior D. anterior pituitary Answer: C

Watch Video Solution	n
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25. The hormone that promotes milk release from breasts and that stimulates uterus to contract is

A. prolactin

B. relaxin

C. oxytocin

D. thyroxine

Answer: C



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26. Which of the following stimulate hormone secretions?

A. environmental causes

B. local chemical charges

C. neural signals
D. all of the above
Answer: D
Watch Video Solution
27. The target organ for the action of LH is
A. liver
B. ovary
C. GIT
D. muscles
Answer: B
Watch Video Solution

28. Which one of the following is a peptide hormone?
A. androstenedione
B. oxytocin
C. penicillin
D. intermedian
Answer: B
Watch Video Solution
29. Gonadotrophin releasing hormone is secreted by
29. Gonadotrophin releasing hormone is secreted by A. hypothalamus
A. hypothalamus
A. hypothalamus B. gonads

Answer: A **Watch Video Solution** 30. Which hormone stimulates secretion of milk in mammalary glands? A. prolactin B. thyroxine C. TSH D. vasopressin Answer: A **Watch Video Solution** 31. Which of the following is not involved in Ca metabolism? A. calcitonin

B. atrial natriuretic factor
C. PTH
D. calmodulin
Answer: B
Watch Video Solution
32. Which of the following organs secretes calcitonin?
A. thyroid
B. heart
C. GIT
D. pituitary
Answer: A
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33. Glucocorticoid hormones are secreted by the

- A. adrenal-medulla
- B. adrenal cortex
- C. islets of Langerhans
- D. parafollicular cells

Answer: B



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34. An injection of ACTH would

- A. decrease urine output
- B. stimulate release of adrenal cortex hormones
- C. stimulate the ovaries
- D. influence thyroid activity

Answer: B **Watch Video Solution** 35. Steroids hormones are A. oestrogen B. cortisol C. both (a) and (b) D. melatonin **Answer: C Watch Video Solution** 36. Which of the following is not a secretion of the adrenal glands? A. mineralocorticoids

C. melatonin D. glucocorticoids **Answer: C Watch Video Solution** 37. Pancreatic cells that secrete insulin are A. beta cells B. delta cells C. alpha cells D. chief cells Answer: A **Watch Video Solution**

B. aldosterone

38. Steroids hormones mediate their action by
A. activating adenylate cyclase
B. inhibiting an enzyme
C. activating gene expression
D. binding to surface membrane of the cells
Answer: D
Watch Video Solution
39. The hormone produced by both, the adrenal cortex and testis is
39. The hormone produced by both, the adrenal cortex and testis is
39. The hormone produced by both, the adrenal cortex and testis is A. nephrine
39. The hormone produced by both, the adrenal cortex and testis is A. nephrine B. nor epinephrine

Answer: D Watch Video Solution **40.** Thyroid-stimulating hormone (TSH) is secreted by A. anterior pituitary B. hypothalamus C. thyroid D. posterior pituitary Answer: A **Watch Video Solution** 41. Cortcotropin-releasing hormone is produced by A. cortex

B. adrenal medulla
C. hypothalamus
D. hypothesis
Answer: C
Watch Video Solution
42. Which of the following hormones is called an antidiuretic hormone?
A. prolactin
B. cortisone
C. glucagon
D. vasopressin
Answer: D
Watch Video Solution

43. Which of the following hormones causes the secretion of LH?
A. FSH
B. GnRH
C. thyroxine
D. growth hormone
Answer: B
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44. Hypothyroidism in children results in
A. cretinism
B. high body temperature
C. acromegaly
D. high blood pressure

Answer: A



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45. Which of the following hormones causes reabsorption of Na^+ and excretion of K^+, H^+ and H_2O ?

A. LH

B. aldosterone

C. FSH

D. TSH

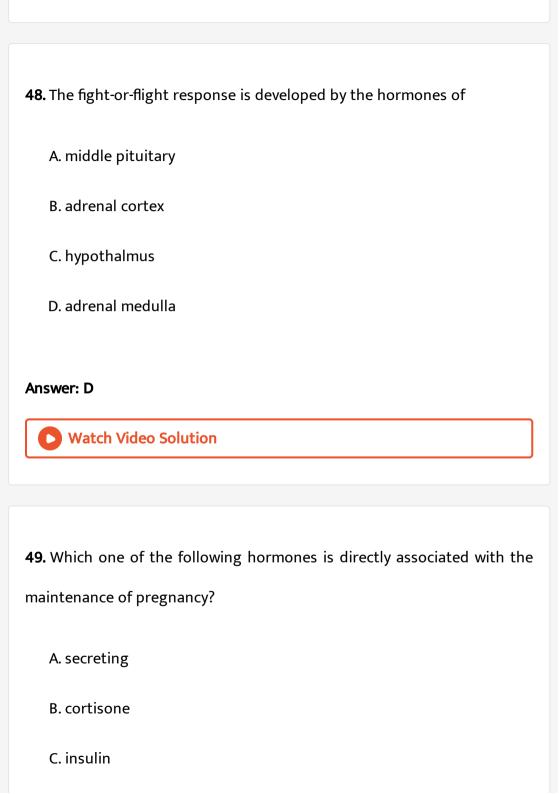
Answer: B



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46. Parathyroid hormone (PTH) regulates

A. sleep B. body temperature C. glucose balance between blood and tissue D. calcium balance between blood and tissue **Answer: D Watch Video Solution 47.** Which of the following hormones is a steroid? A. oestrogen B. adrenaline C. thyroxine D. prostaglandin Answer: A **Watch Video Solution**



D. progesterone

Answer: D



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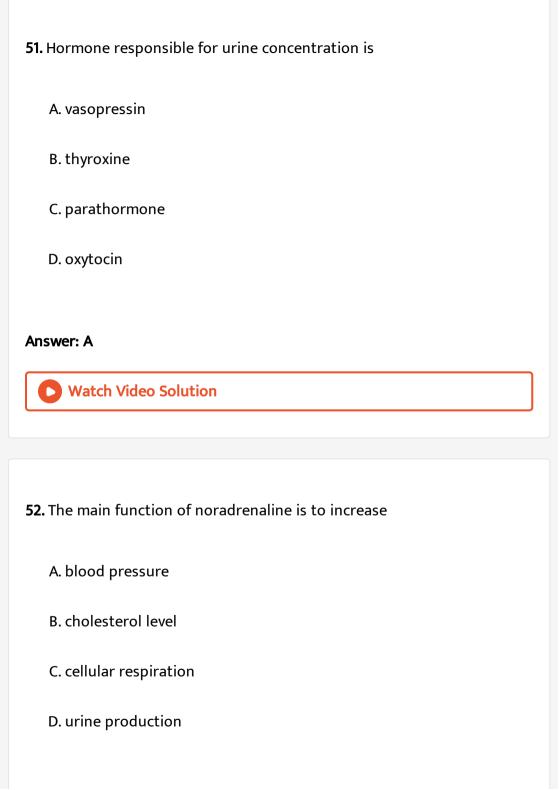
50. Leydig cells in adult mammal produce which one of the following hormones?

- A. oestrogen
- B. follicle stimulating hormone
- C. testosterone
- D. progesterone

Answer: C



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Answer: A



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53. Which one of the following serves as link between the ANS and the endocrine system?

- A. thymus
- B. hypothalamus
- C. cerebrum
- D. blood

Answer: B



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54. When a person suffers from a marked fall in blood pressure, it is helpful to administer the hormone

A. adrenaline B. parathormone C. thyroxine D. insulin Answer: A **Watch Video Solution** 55. The mammalian thymus is mainly concerned with the following functions A. secretion of adrenaline B. immunological functions C. regulations of body temperature D. regulation of body growth **Answer: B**



56. In mammals, prolactin stimulates the production of

A. milk

B. progesterone

C. mucus in the digestive tract

D. digestive enzyme

Answer: A



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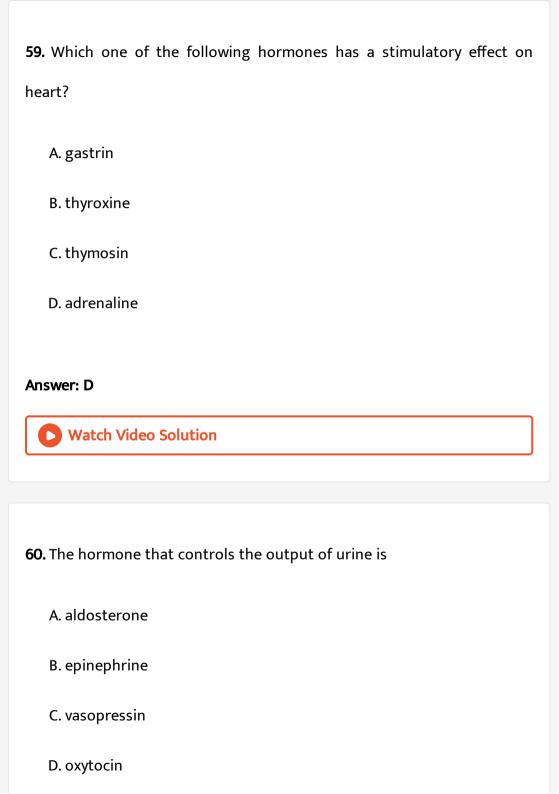
57. A man suffering from Diabetes mellitus drinks water more frequently as he has to eliminate from the blood extra

A. glucose

B. glucagon

D. salts
Answer: A
Watch Video Solution
58. The hormone secreted by posterior pituitary gland is concerned with
A. secondary sexual characters
B. contraction of uterine muscles
C. protein metabolism
D. stiulation of parathyroid
Answer: B
Watch Video Solution

C. insulin



Answer: C Watch Video Solution

- **61.** Diabetes mellitus is associated with
 - A. too high blood glucose level
 - B. blood that is too dilute
 - C. too much insulin in blood
 - D. all of these

Answer: A

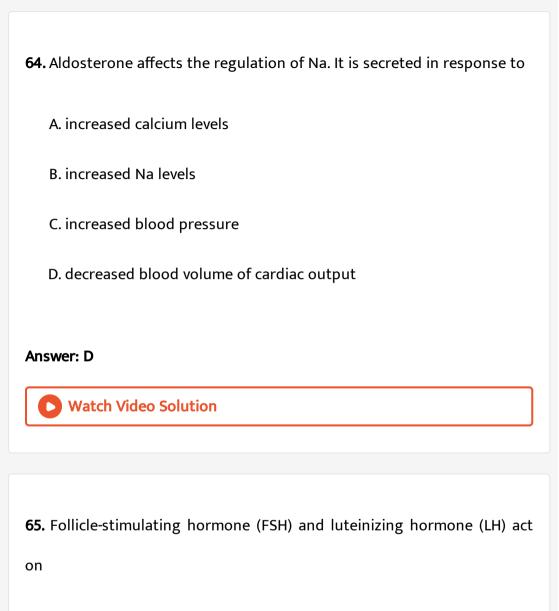


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62. Peptide hormones

A. are received by a receptor located in the cytoplasm

B. bring about the transcription of DNA C. are received by the receptor located in plasma membrane D. both (a) and (c) **Answer: C Watch Video Solution** 63. The pituitary detects a rising hormone concentration in blood and inhibits the gland secreting the hormone. This is a feedback loop. A. positive B. negative C. longterm D. both (a) and (c) Answer: B **Watch Video Solution**



A. ovaries but not the testes

B. both ovaries & testes

C. testes but not ovaries

D. ovaries, testes and adı	renal cortex		
Answer: B			
Watch Video Solution	l		
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66. An extract from pancreatic islets lowered blood glucose levels in diabetic dog. The compound present in the extract was

- A. penicillin
- B. adrenalin
- C. interleukin
- D. insulin

Answer: D



67. Which on the following is not a secretion of adrenal glands?
A. androgens
B. aldosterone
C. glucocorticoids
D. melatonin
Answer: D
Watch Video Solution
68. The receptor molecules of hormones are located
A. protein, on the cell surface
B. polypeptide, within the chromatin
C. steroid, on the cell surface
D. none of the above

Answer: A



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69. One of the chief differences between pheromones and local hormones is

A. that one is a chemical messenger and the other is not

B. that one is made by invertebrates and the other is made by

vertebrates

C. the distance over which they act

D. all the above

Answer: C



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70. The blood cortisol level controls the secretion of

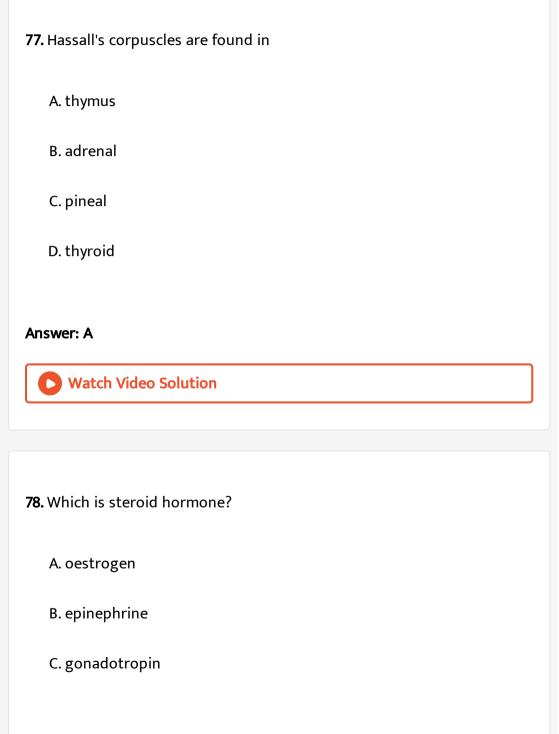
A. cortisol from the adrenal cortex B. ACTH from the anterior pituitary C. a releasing homone from the hypothalamus D. all the above Answer: D **Watch Video Solution** 71. ADH acts on A. vasa efferentia B. vasa deferentia C. collecting tubule D. loop of henle Answer: C Watch Video Solution

72. Immune disease in which body destroys the ill-functioning thyroid is
A. cretinism
B. myxoedema
C. simmond's disease
D. hashimoto's disease
Answer: D Watch Video Solution
73. Hypoglycaemic hormone is
A. ACTH
B. thyroxine
C. insulin

D. glucagon
nswer: C
Watch Video Solution
4. Hormone stimulating milk secretion is
A. oestrogen
B. prolactin
C. testosterone
D. luteinising hormone
nswer: B
Watch Video Solution

75. Hypothyroidism causes

A. cretinism and myxoedema B. bohr disease C. diabetes mellitus D. diabetes insipidus Answer: A **Watch Video Solution** 76. Insulin deficiency causes A. goitre B. diabetes mellitus C. diabetes insipidus D. all the above **Answer: B** Watch Video Solution



A. hypoactivity of thymus B. hyperactivity of thymus C. hypoactivity of thyroid D. hyperactivity of thyroid	D. thyroxine
9. Grave's disease is due to A. hypoactivity of thymus B. hyperactivity of thymus C. hypoactivity of thyroid D. hyperactivity of thyroid nswer: D	nswer: A
A. hypoactivity of thymus B. hyperactivity of thymus C. hypoactivity of thyroid D. hyperactivity of thyroid nswer: D	Watch Video Solution
B. hyperactivity of thymus C. hypoactivity of thyroid D. hyperactivity of thyroid nswer: D	
B. hyperactivity of thymus C. hypoactivity of thyroid D. hyperactivity of thyroid nswer: D	9. Grave's disease is due to
C. hypoactivity of thyroid D. hyperactivity of thyroid nswer: D	A. hypoactivity of thymus
D. hyperactivity of thyroid nswer: D	B. hyperactivity of thymus
nswer: D	C. hypoactivity of thyroid
	D. hyperactivity of thyroid
Watch Video Solution	nswer: D
	Watch Video Solution

80. Which hormone is modified amino acid?

A. oestrogen
B. epinephrine
C. prostaglandin
D. progesterone
Answer: B
Watch Video Solution
81. Identify the placental hormone
A. human chorionic hormone
B. vasopressin
C. insulin
D. somatotropic hormone
Answer: A
Watch Video Solution

82. The excessive amount of calcium is regulated by
A. progesterone
B. thyroxine
C. calcitonin
D. prolactin
Answer: C
Watch Video Solution
Watch Video Solution
Watch Video Solution 83. Hormone secreted during emergency is
83. Hormone secreted during emergency is
83. Hormone secreted during emergency is A. adrenaline

D. aldosterone
Answer: A
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84. Find the correct answer about body coordination
1. Circulatory system, 2. Excretory system, 3. Nervous system, 4. Endocrine
system.

A. 2,4 correct

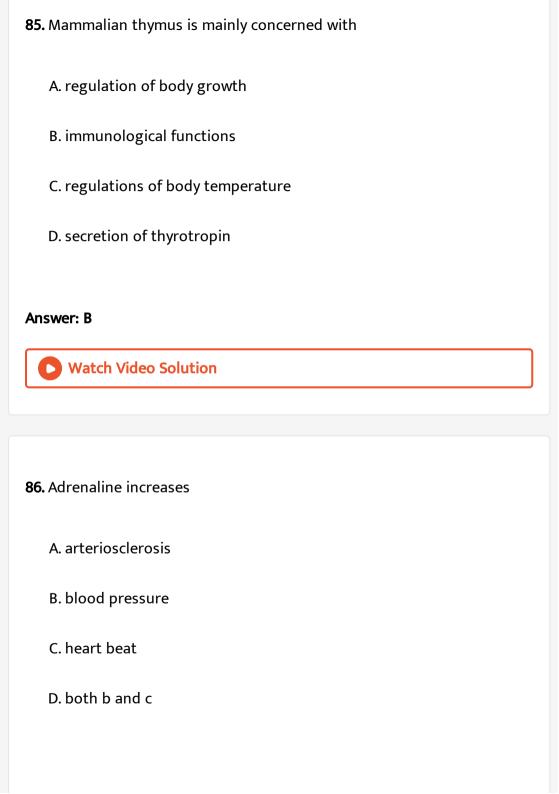
B. 3,4 correct

C. 1,3 correct

D. 1,2 correct

Watch Video Solution

Answer: B



Answer: D **Watch Video Solution** 87. Blood calcium level is lowered by deficiency of A. thyroxine B. parathormone C. calcitonin D. both a and c **Answer: B** Watch Video Solution 88. Write down the role of catecholamines. **Watch Video Solution**

89. Posterior lobe of pituitary contains cells called A. chromophils B. acidophils C. pituicytes D. basophils **Answer: C Watch Video Solution** 90. In human adult females, oxytocin A. causes strong uterine contractions during parturition

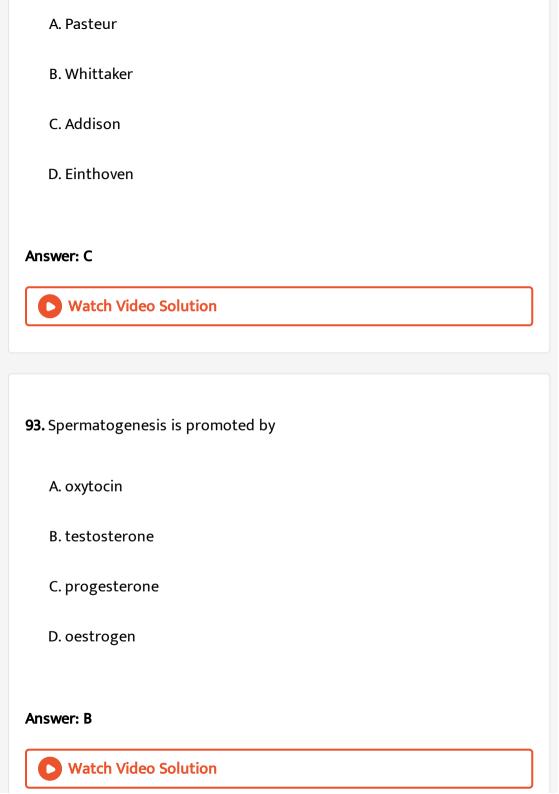
B. stimulates growth of mamary glands

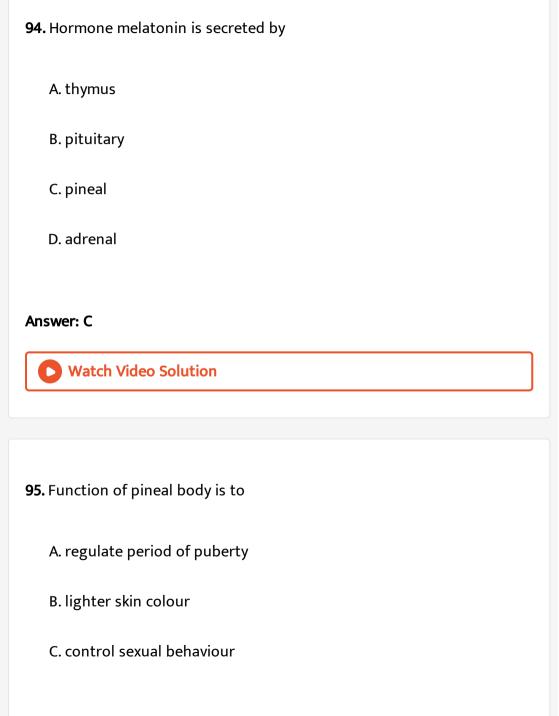
D. is secreted by anterior pituitary

C. stimulates pituitary to secrete vasopressin

Watch Video Solution 91. Hormone that promotes cell division, protein synthesis and bone growth is A. PTH B. GH C. ACTH D. ADH **Answer: B** Watch Video Solution 92. Father of endocrinology is

Answer: A



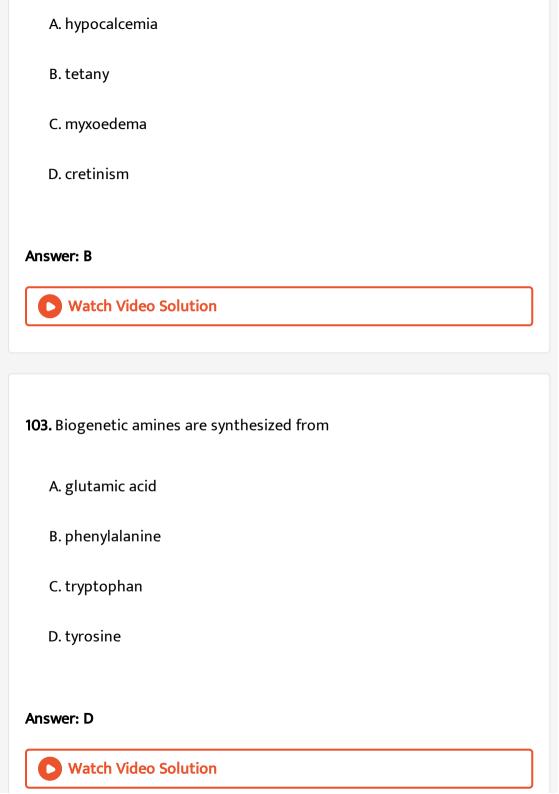


D. all the above
Answer: D
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96. In thyroid follicles, the epithelial tissue is
A. cuboidal
B. transitional
C. columnar
D. squamous
Answer: A
Watch Video Solution
97. Acromegaly/Gigantism is caused by

A. hypersecretion of ACTH B. hypersecretion of GH C. hyposecretion of ACTH D. hyposecretion of GH/STH **Answer: B Watch Video Solution** 98. Failure of release of ADH cause A. coronary thrombosis B. hepatitis C. diabetes insipidus D. diabetes mellitus Answer: C **Watch Video Solution**

99. Which one of the following pairs includes only endocrine gland?
A. adrenal and ovary
B. pancreas and parathyroid
C. thymus and tests
D. parathyroid and adrenals
Answer: D
Watch Video Solution
100. Which one is not a steroid hormone?
100. Which one is not a steroid hormone?
100. Which one is not a steroid hormone? A. testosterone

D. androgen
Answer: C
Watch Video Solution
101. lodine is present in the secretion of
A. thyroid/thyroxine
B. pancreas
C. pituitary
D. adrenal
Answer: A
Watch Video Solution
102. Disease caused by deficiency of parathormone is



104.	Parafollicular	cells o	of thyroid	secrete	hormone	for	controlling	level	of

- A. $Ca^{2\,+}$
- B. K^+
- C. $Mg^{2\,+}$
- D. Na^+

Answer: A



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105. Steroid hormones, oestrogen and testosterone, bind to

- A. enzyme-linked membrane receptors
- B. cytoplasmic receptors
- C. mambrane ion channels

D. G-protein linked membrane receptors
Answer: B
Watch Video Solution
106. Which hormone contains iodine?
A. insulin
B. adrenaline
C. testosterone
D. thyroxine
Answer: D
Watch Video Solution
107. Signalling between cells usually results in activation of protein

A. nycleases
B. kinases
C. lipases
D. proteases
Answer: B
Watch Video Solution
108. Which hormone does not contain polypeptide?
A. ADH
B. oxytocin
C. prostaglandin
D. insulin
Answer: C
Watch Video Solution

109. Functioning of thyroid is under the control of TSH except for

A. storage of iodine

B. thyronine

C. thyrocalcitonin

D. thyroxine

Answer: C



110. Match the hormone with its source

	Column II
A. somatostatin	1. pineal gland
B. melatonin	2. corpus luteum
C. aldosterone	3. placenta
D. progesterone	4. adrenal cortex
E. HCG	5. islet of Langerhans
	6. adenohypophysis

A. A-1, B-2, C-4, D-3, E-5

B. A-1, B-3, C-4, D-2, E-5

C. A-5, B-1, C-4, D-2, E-3

D. A-5, B-1, C-6, D-3, E-2

Answer: C



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111. Chemical nature of homorones secreted by α and δ cells of pancreas is

A. steroid

B. polypeptide

C. glycolipid

D. glycoprotein

Answer: B



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112. Nonfunctional part of pituitary is

A. neurohypophysis

B. anterior pituitary

C. pars nervosa

D. pars intermedia

Answer: D Watch Video Solution 113. Which hormone is a steroid hormone? A. thyroxine B. insulin C. relaxin D. oestrogen **Answer: D** Watch Video Solution 114. Mention one role of Estrogen **Watch Video Solution**

115. Injury to adrenal cortex is not likely to affect the secretion of which one of the following?

- A. cortisol
- B. adrenaline
- C. both androstenedione and dehydro epiandrosterone
- D. aldosterone

Answer: B



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116. Name the condition when the concentration of ketone body increases in urine

- A. turner's syundrome
- B. sickle-cell anamia
- C. diabetes mellitus

D. acromegaly
Answer: C
Watch Video Solution
117. Islets of Langerhans are found is
A. endocrine pancreas
B. anterior pituitary
C. kidney cortex
D. spleen
Answer: A
Watch Video Solution
118. Mention one role of Melatonin



119. Endemic goitre is a state of

A. normal thyroid function

B. moderate thyroid function

C. increased thyroid function

D. decresed thyroid function

Answer: D



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120. Select the correct matching of a hormone, its source and function

A.

Hormone Source **Function** beta-cells of islets of langerhans stimulates glucogenolys: glucagon

B.	
Hormone Source Function	
vasopressin posterior pituitary increases loos of water through	h uri
C.	
Hormone Source Function	
norepinephrine adrenal medulla increases heart beat, rate of re	espira
D.	
Hormone Source Function	
prolactin posterior pituitary regulates growth of mammary g	lands
Answer: C Watch Video Solution 121. What is the role of testosterone?	
121. What is the role of testosterone?	
Watch Video Solution	
122. Which of the following is the function of adrenaline?	
A. increases heart rate and blood pressure	

- B. helps in milk secretion

C. helps in gastric juice secretion

D. increases blood calcium

Answer: A



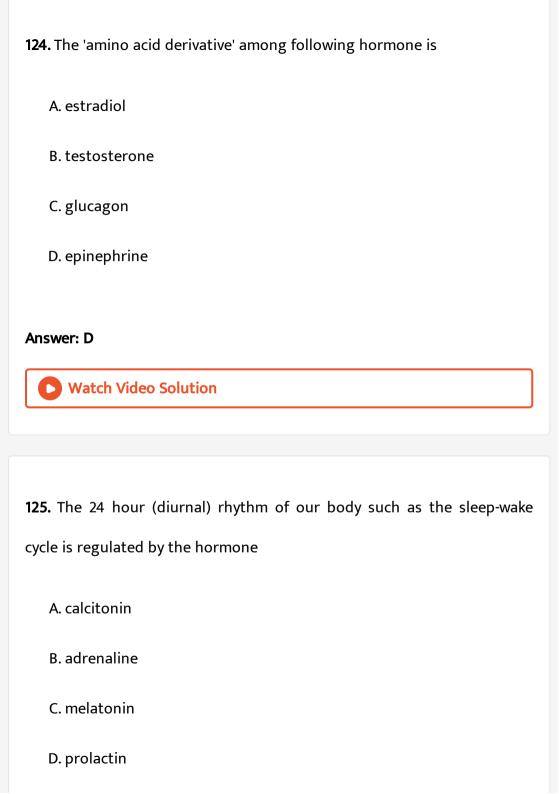
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123. Which one of the following pairs is incorrectly mathced?

- A. somatostatin-delta cells (source)
- B. corpus luteum-relaxin (secretion)
- C. glucogon-beta cells (source)
- D. insulin-diabetes mellitus (disease)

Answer: C





Answer: C



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126. Select the correctly matched pair

A. cholecystokinin: stimulates pancreatic enzyme secretions

B. pineal gland: does not infulence menstural cycle

C. thyroxine: triiodothyronine

D. corpus luteum: secretes oxytocin

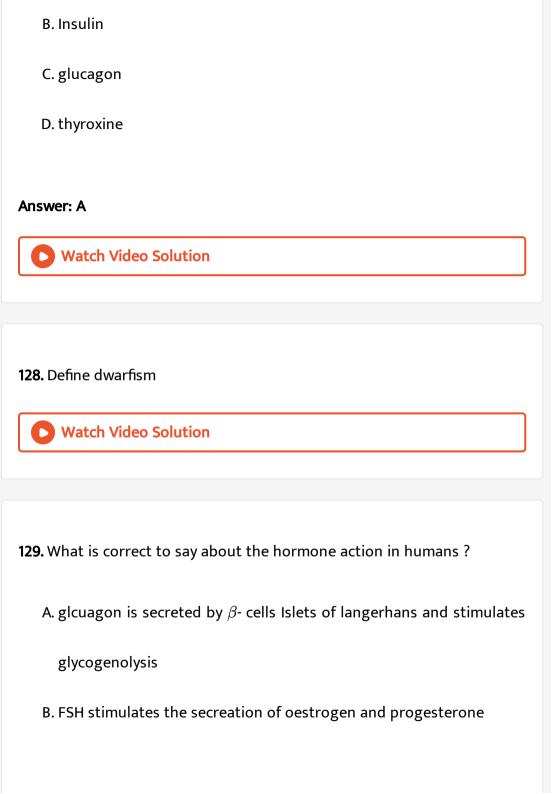
Answer: A



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127. Which of the following hormones is a steroid?

A. Oestrogen



C. in females, FSH first binds with specific reception on ovarian cell membrane D. secretion of thymosins is stimulated with aging

Answer: C



130. The leyding cells as found in the human body are the security source of

A. glucagone

B. androgen

C. progesterone

D. intestinal mucus

Answer: B



131. Which one of the following pairs of hormone are the examples of those that can easily pass through the cell membrane of the target cell and bind to a receptor inside it (mostly in the nucleus)

- A. somatostain, oxytocin
- B. cortisol, testosterone
- C. insulin, glucagon
- D. thyroxine, insulin

Answer: B



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132. In a normal pregnanat woman, the amount of total gonadotropin activity was assessed. The result expected was

A. high levels of FSH and LH in uterus to stimulates endometrial thickening

B. high level of circulating HCG to stimulate oestrogen and progesterone synthesis.

C. high level of circulating FSH and LH in the uterus to stimulate implantation of the embryo

D. high level of circulating HCG to stimulate endometrial thickening

Answer: B



133. Menstrual flow occurs due to lack of

A. FSH

B. vasopressin

C. progesterone

D. oxytocin

Answer: C



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134. Which one of the following is not the function of placenta? It:

A. secretes oestrogen

B. secretes oxytocin during parturition

C. facilitates removal of carbon dioxide and waste material from embryo

D. facilitates supply of oxygen and nutrients to embryo

Answer: A



135. A pregnant female delivers a baby who suffer from stunted growth, mental retardation, low intelligence quotient and abnormal skin. This is the result of

- A. low secretion of growth hormone
- B. over secretion of pars distails
- C. cancer of thyroid gland
- D. deficiency of iodine in diet

Answer: D



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136. Select the answer which correctly mathches the endocrine galnd with hormone it secretes and its function/deficiency symptoms :

A. {:("Endocrine","Hormone","Function/deficiecy symptoms"),((a)

"thyroid gland", "thyroxine", "lack of iodine in diet result in goitre"):}`

B. {:("Endocrine","Hormone","Function/deficiecy symptoms"),((b)
"corpus luteum", "testosterone", "stimulates spermatogenesis"):}`
C. {:("Endocrine","Hormone","Function/deficiecy symptoms"),((c)
"anterior pituitary", "oxytocin", "stimulates uterus contraction
during child birth"):}`
D. {:("Endocrine","Hormone","Function/deficiecy symptoms"),((d)
"posterior pituitary", "growth hormone(GH)", "oversecretion

Answer: A



stimulates abnormal growth"):}`

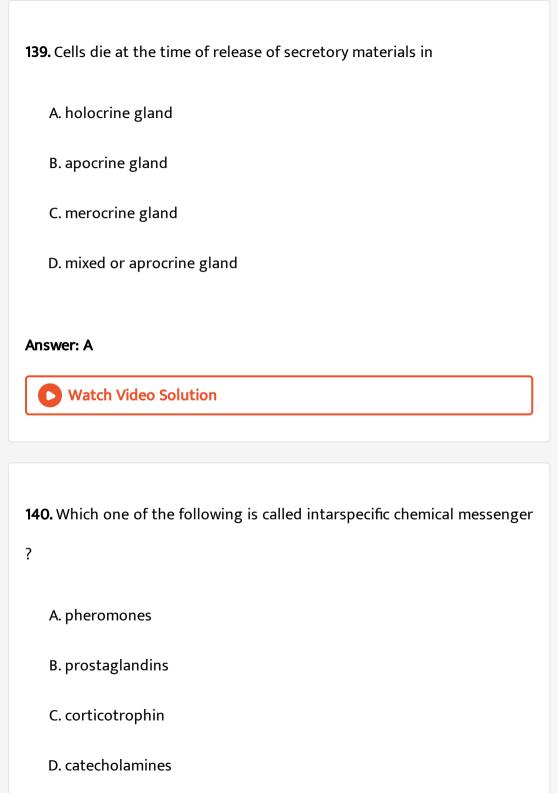
137. Which of the following hormone is a derivative of fatty acid?

A. Thyroxine

B. Gastrin

D. Prostaglandin
Answer: D
Watch Video Solution
138. Which of the following hormones in a derivative of fatty acid?
A. gastrin
B. thyroxine
C. oestrogen
D. prostaglandins
Answer: D
Watch Video Solution

C. Estrogen



Answer: A **Watch Video Solution** 141. The hormone that stimulates the release of pancreatic juice is A. secretin B. glucagon C. inhibin D. insulin Answer: A **Watch Video Solution** 142. Melationin is produced from A. pineal gland

C. parathyroid gland D. ovary Answer: A **Watch Video Solution** 143. Which of the following pairs of hormones are not antagonistic (having opposite effects) to each other? A. insulin-Glucagon B. aldosterone-Atrial natriuretic factor C. Relaxin-Inhibin D. Parathormone-Calcitonin **Answer: C**

B. adrenal gland

144. Changes in GnRH pulse frequency in females is controlled by circulating level of

A. Oestrogen and inhibin

B. Progesterone only

C. Progesterone and inhibin

D. Oestrogen and progesterone

Answer: D



145. A decrease in blood pressure/volume will not cause the release of

A. Atrial natriuretic factor

B. Aldosterone

C. ADH

Answer: A



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- 146. GnRH, a hypothalamic hormone, needed in reproduction, acts on
 - A. Anterior pituitary gland and stimulates secretion of LH and FHS
 - B. Posterior pituitary gland and stimulates secretion of LH and relaxin
 - C. Anterior pituitary gland and stimulates secretion of LH and oxytocin.

D.

Answer: A



1. Name the main types of cells present in islets of langerhans

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2. Name the cells which produce testosterone in testis

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3. Which of the following statement are correct about posterior pituitary?

A. produces oxytocin

B. seretes neurohormones

C. secretes trophich hormones

D. is not under the control of hypothalmic releasing hormone

Answer: A::B



4. Name two steroid hormone produced by ovaries



Watch Video Solution

5. Which of the following statements are true about exophthalamic goiter?

A. swelling in the neck region

B. decreases BMR

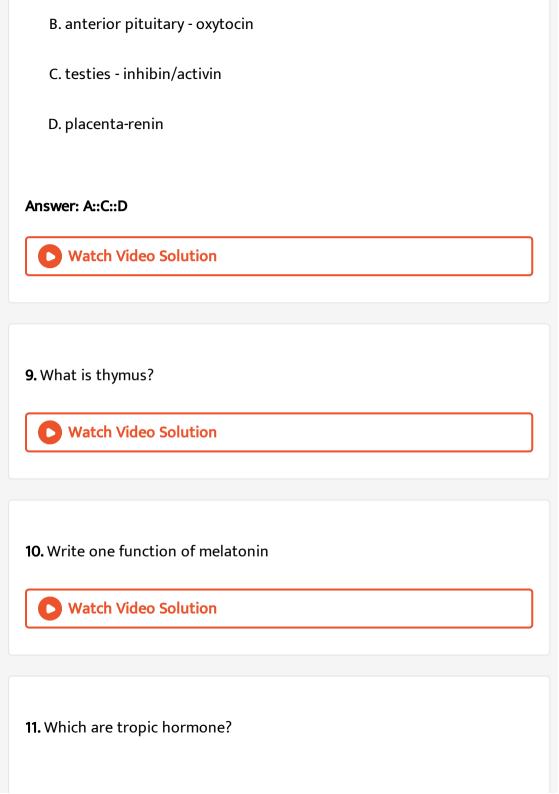
C. increase BP and HR

D. restlessness and palpitation

Answer: A::B::D



6. Name the site from which cholecystokinin is released?
Watch Video Solution
7. Which are local hormone?
A. Testorterone
B. Gastrin
C. ACTH
D. TSH
Answer: A::B
Watch Video Solution
8. Which of the following pairs are correct?
A. hypothalamus-GnRH



A. GTH
B. Gastrin
C. ACTH
D. Testosterone
Answer: A::C
Watch Video Solution
12. What is cretinism?
Watch Video Solution
13. Which of the following pairs are correctly match?
A. adrenalin-accelerates heart beat
B. hyperparathyroidism-demineralisation
C. oxytocin-salt-water balance

nswer: A::B::D
Watch Video Solution
1. Which of the following are the functions of thymocin?
A. It fnfluence the growth rate during early life
B. it hastens attainment of sexual maturity
C. it helps in te depositon of minarals in the bone
D. it promotes proliferation and maturation of T-lymphocytes
nswer: A::B::C::D
Watch Video Solution

D. hypothyroidism - myxoedema

15. What is goitre?

A.
B.
C.
D.
Answer:
Watch Video Solution
Exercise Fill In The Blanks
1. Adrenal synthesizes hormones.
Watch Video Solution
2. The common name of 17 β -Hydroxy-androst-4-ene-3one is
Watch Video Solution

3. Biochemical role of thyroxine is
Watch Video Solution
4. The childhood growth is controlled byhormone.
Watch Video Solution
5. Glucagon has an antagonistic effect of that of
Watch Video Solution
6. Addison's desease results from of adrenal cortex.
Watch Video Solution
7. Andrew Schally isolated GnRH from pig's

Watch Video Solution
8. Interstital cell-stimulating hormone is called
Watch Video Solution
9. Thymus gland synthesizes and hormones.
Watch Video Solution
40 The founding of best stores in the same
10. The function of testosterone is and
Watch Video Solution
11 is the other name of postaviou with them.
11 is the other name of posterior pituitary.
Watch Video Solution

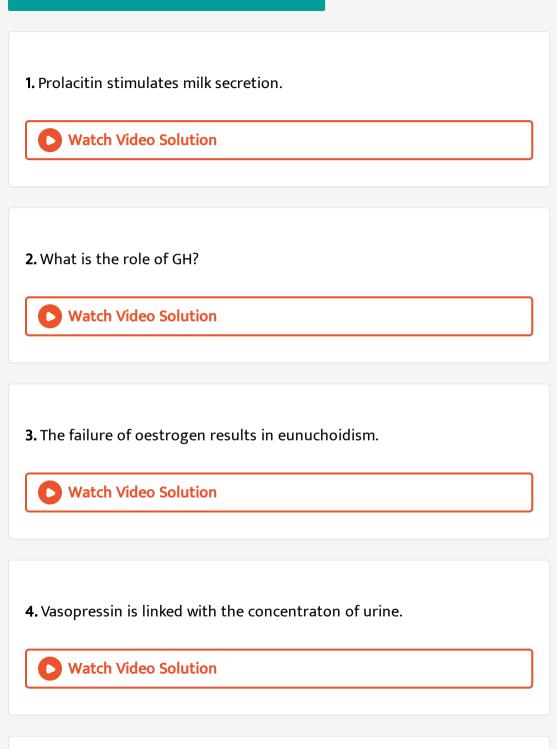
12. Hypersecretion of glucagon causes
Watch Video Solution
13. Oxytocin and ADH reach their target cells by way of
Watch Video Solution
14is an adrenal hormone.
Watch Video Solution
15. Chorionic gonadotropin (CG) has same effects as secreted by
anterior pituitary.
Watch Video Solution

16. The activity of the pituitary gland is controlled by
Watch Video Solution
17. The concentration of glucose in blood is controlled by two hormones produced by
Watch Video Solution
18. An exocrine gland releases its secretions into awhereas as
endocrine gland is on
Watch Video Solution
19. is the target organ of ACTH.
Watch Video Solution

20. The two hormones secreted by pancreas are and
Watch Video Solution
21 induces labour & also induces the release of milk from
mammary gland.
Watch Video Solution
22. The low levels ofcauses goitre.
Watch Video Solution
23. Diabetes insipiduces labour & also induces the release of milk from
mammary gland.
Watch Video Solution

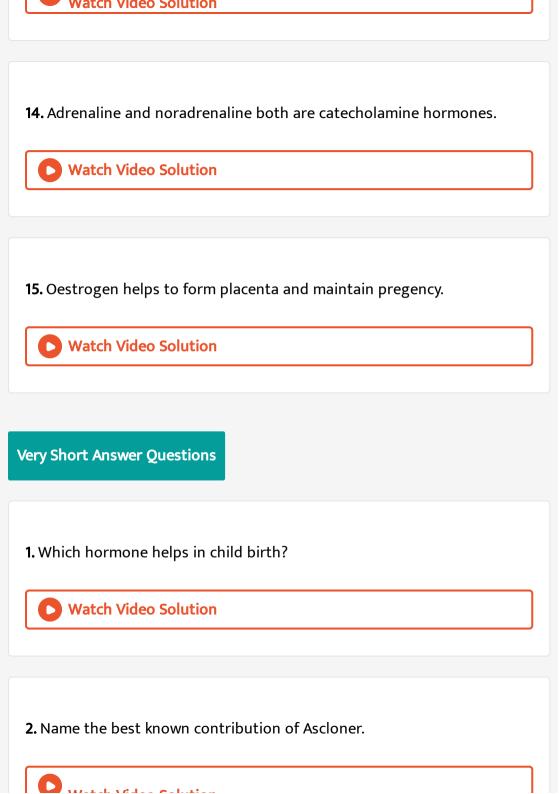
24. deficiency causes diabetes mellitus.
Watch Video Solution
25 hormone stimulates milk secretion.
Watch Video Solution
26. is secreted by anterior pituitary which stimulates sperm
maturation in testes.
Watch Video Solution
27. The two hormones that control Ca levels in blood are and
Watch Video Solution

Exercise True Or False Statement Questions

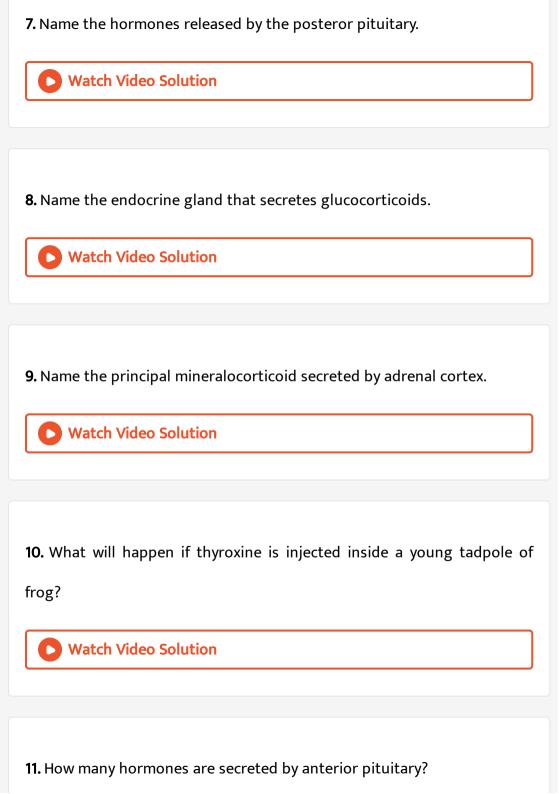


5. Parathomone is necessary for maintaining calcium balance
Watch Video Solution
6. Incorporation of I_2 into table salt can reduce the incidence of simple goitre.
Watch Video Solution
7. A hormone which is responsible for puberty in male is testosterone. Watch Video Solution
8. A hormone that converts glucose into glycogen is produced in pituitary.
Watch Video Solution

9. Diabetes mellitus is of two types.
Watch Video Solution
10. Oxytocin hormone help in the process of child birth.
Watch Video Solution
11. What is the role of LH?
Watch Video Solution
12. Insulin is secreted from δ -cells of islets of Langerhans.
Watch Video Solution
13. Thymosin stimulates the maturation of immune system cells.
Owner at a

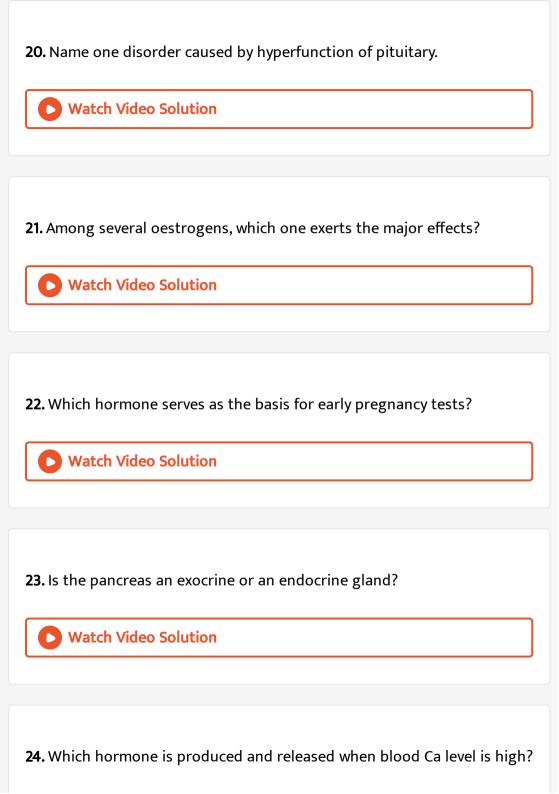


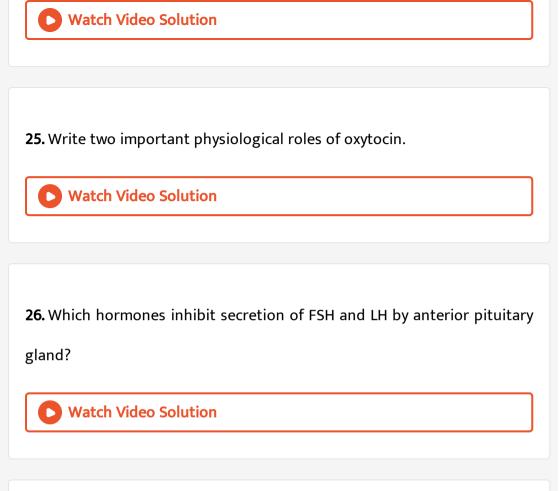
watch video solution
3. Which hormone is released when someone has to fight?
Watch Video Solution
4. Name two catecholamines produced by Adrenal medulla.
Watch Video Solution
5. Name the hormone which reduces excess calcium in blood.
Watch Video Solution
6. Give the scientific term for the removal of pituitary gland.
Watch Video Solution

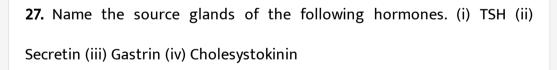


Watch Video Solution
12. Name the endocrine gland that secretes norepinephrine.
Watch Video Solution
13. Name the hormone whose deficiency causes diabetes insipidus.
Watch Video Solution
14. Name the hormone secreted by thymus gland.
Watch Video Solution
15. Name the hormone that influences secretion of oestrogen.
Watch Video Solution

16. Name a hormone secreted by corpus luteum.
Watch Video Solution
17. What is testosterone?
Watch Video Solution
18. Where are the hormones of posterior pituitary synthesized?
Watch Video Solution
19. Name the hormone secreted by $lpha$ -cells of islets of Langerhans of
pancreas.
Watch Video Solution





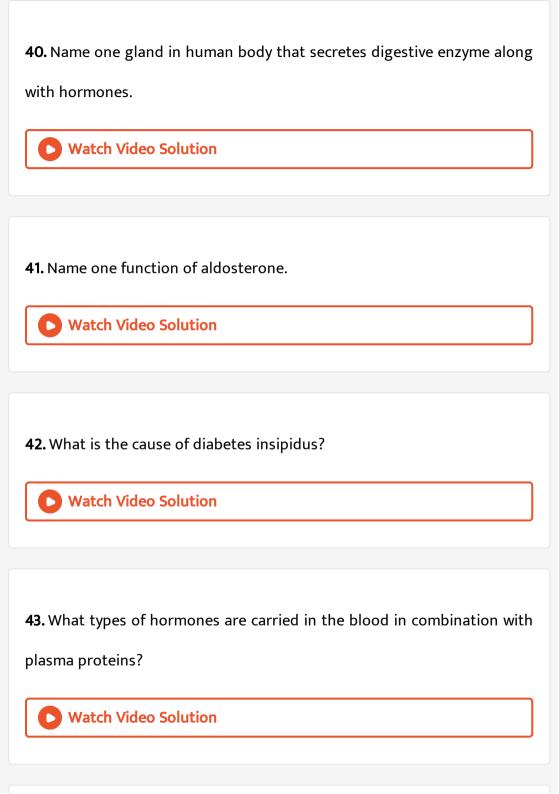


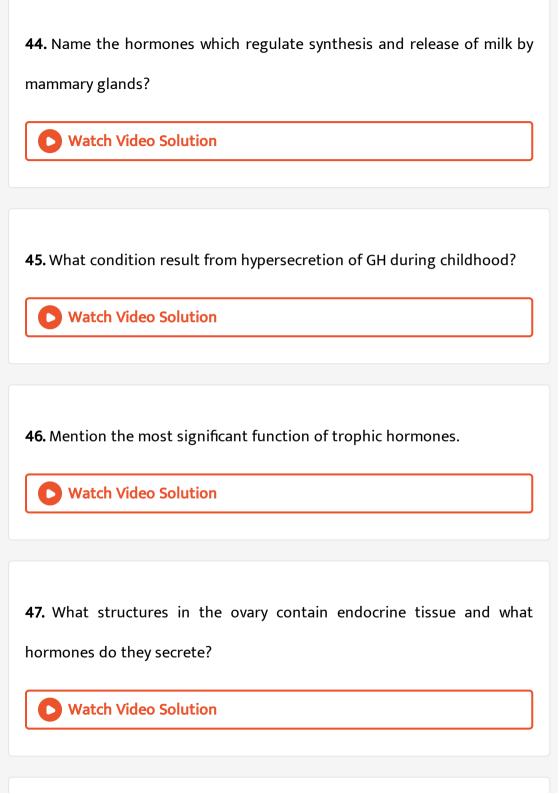


28. Name two hormones which cause secondary sex charcters in male and female human beings. **Watch Video Solution** 29. Name the hormone responsible for the maintainance of blood sugar level. **Watch Video Solution** 30. Name the hormone which produces changes in secondary sex organs in human female to prepare for anticipated pregnancy. **Watch Video Solution 31.** What are the two 'integrating system' found in our body? **Watch Video Solution**

32. What causes acromegaly?
Watch Video Solution
33. Name the endocrine gland which secretes glucagon.
Watch Video Solution
34. Name the endocrine gland which secretes GRH (Gonadotropin
Releasing Hormone.)
Watch Video Solution
35. What is the function of progesterone in a pregnant woman?
Watch Video Solution

36. Name the part of the brain which functions as an endocrine gland.
Watch Video Solution
37. Name the disorder caused due to deficiency of thyroxine in adult
human.
Watch Video Solution
38. What happens due to defincieny of thyroid hormone in child?
Watch Video Solution
39. Is pineal gland a vestigial organ? Mention its functions.
Watch Video Solution





48. Why would an increase in ring size in an adult be a sign of	
acromegaly?	
Watch Video Solution	
Short Anguar Time Questions	

Short Answer Type Questions

1. What is endocrine gland? Name the three endocrine glands of man.

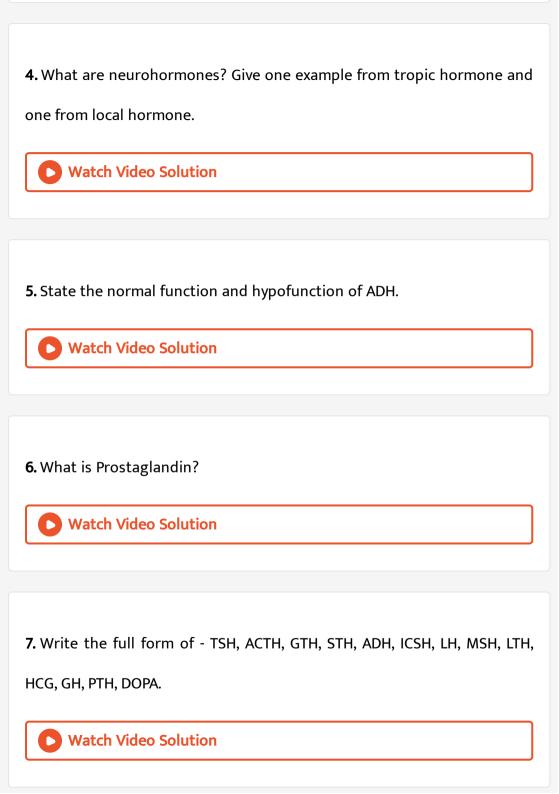


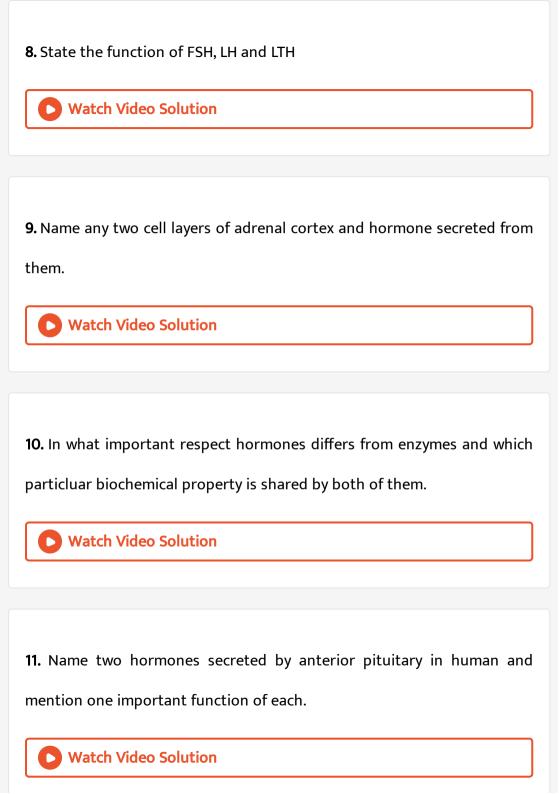
2. Who discovered hormone? Who discovered insulin?



3. Mention the chemical nature of animal hormones?

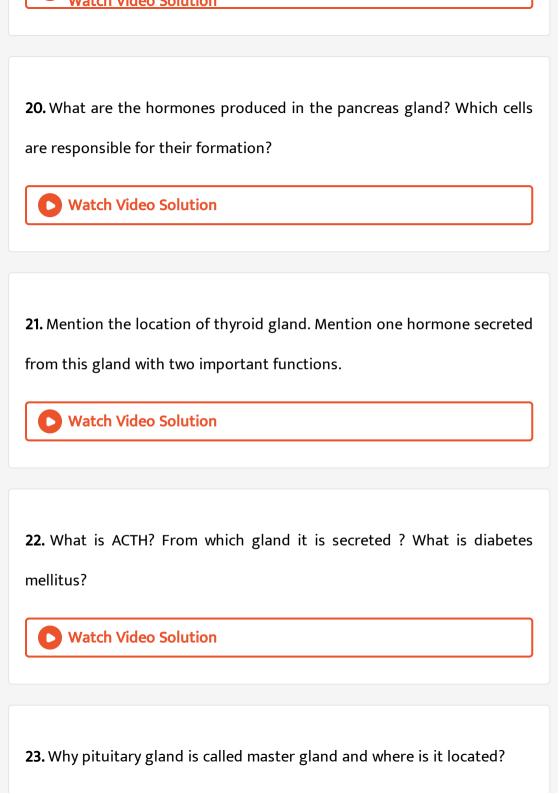






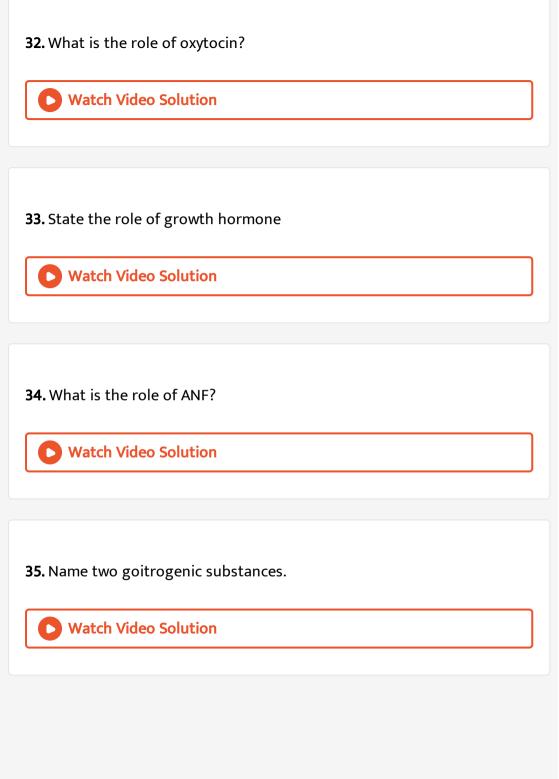
12. Name the hormones secreted from thyroid. Name hormones which act on renal tubules. **Watch Video Solution** 13. What is the condition of hypo and hyper thyroidism in children and adult men? **Watch Video Solution** 14. What are Catecholamines? Where are they stroed? Watch Video Solution 15. What are the hormones secreted from placenta? Name four hormones secreted from gastro-intestinal tract.

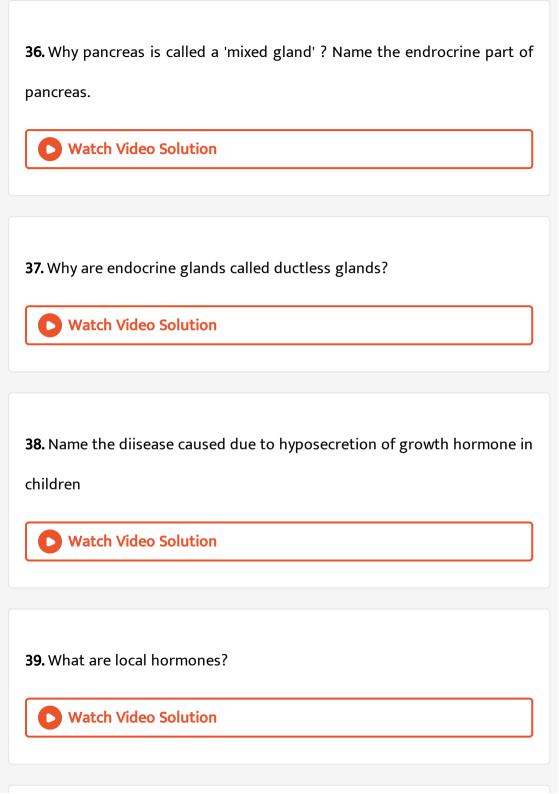
Watch Video Solution
16. What is average blood sugar level? Mention the name of hormones
10. What is average blood sagar level. Mention the name of normones
regulating blood sugar level.
Watch Video Solution
17. What is insulin? Where is it formed?
Watch Video Solution
Watch video solution
18. Name the hormones which lowers the blood sugar level. Where
seperate from it is secreted?
Watch Video Solution
19. What is glucagon? What is its function?



Watch Video Solution
24. When does sugar appears in the urine? What is the casue of diabetes
insipidus?
Watch Video Solution
25. Who discovered hormone? What is the meaning of the term hormone?
Watch Video Solution
26. Why hormone is called 'chemical messenger'?
Watch Video Solution
27. What do you mean by tropic hormone? Give example?

Watch Video Solution
29 What is Neurobynaphysis?
28. What is Neurohypophysis? Watch Video Solution
29. Where is ADH synthesized and where is it stored?
Watch Video Solution
30. From where MSH is secreted? What is its function?
Watch Video Solution
31. State the function of luteinizing hormone (LH) in male.
Watch Video Solution





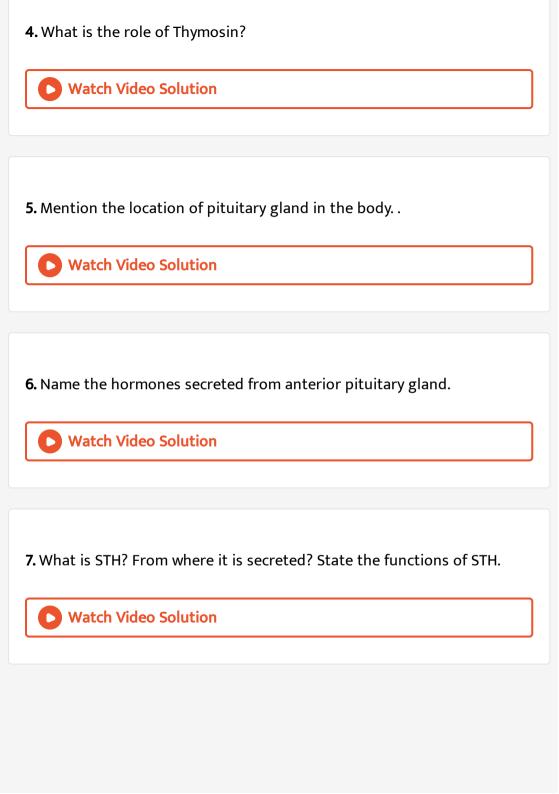
40. What is the full form of GIP? State its functions.
Watch Video Solution
41. What is an endocrine system?
Watch Video Solution
42. Mention the functions of Oxytocin
Watch Video Solution
43. What is the role of ACTH?
Watch Video Solution
44. State the functions of oxytocin.

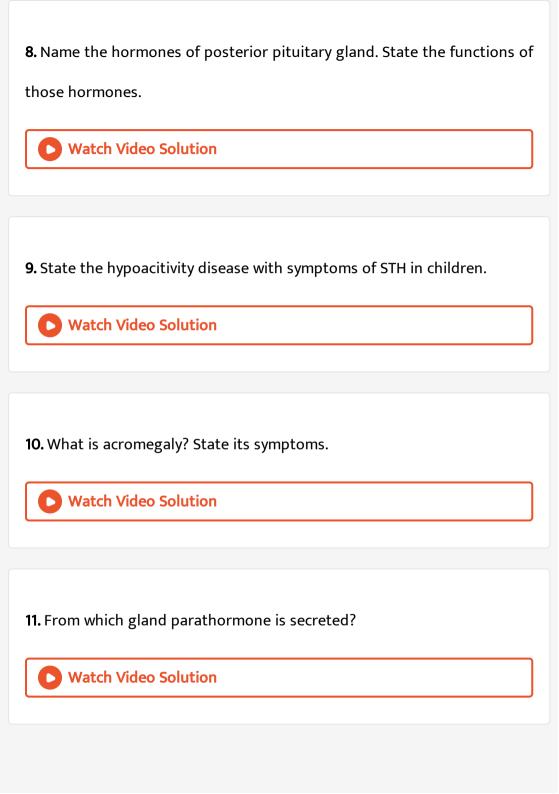
Watch Video Solution
45. Write about the classification of hormone
Watch Video Solution
46. What are catecholamines ?
Watch Video Solution
47. Write the function of Oxytocin
Watch Video Solution
48. What is Bohr effect?
Watch Video Solution

Differentiation

1. Dwarfism and Gigantism.
Watch Video Solution
2. TSH and MSH.
Watch Video Solution
3. Thyroid and Parathyroid gland.
Watch Video Solution
4. Insulin and glucagon.
Watch Video Solution

5. Diabetes Mellitus and Diabetes Insipidus.
Watch Video Solution
Long Answer Type Questions
1. What is hormone? Mention the characteristics of hermone.
Watch Video Solution
2. Classify hormone according to chemical nature and give examples.
Watch Video Solution
3. What is endcrine gland? Give example.
Watch Video Solution





12. What is hypothalamus?
Watch Video Solution
13. Mention the location of thyroid gland in the body. Name the principal
thyroid hormones
Watch Video Solution
14. What is thyroxine?
Watch Video Solution
15. What is thyrocalcitonin? From which type of cells of thyroid gland it is
secreted? State its functions.
Watch Video Solution

16. Name the disease due to hypoactivity of thyroid hormone in children. State the symptoms of the disease.



17. What is myxoedema? State its symptoms

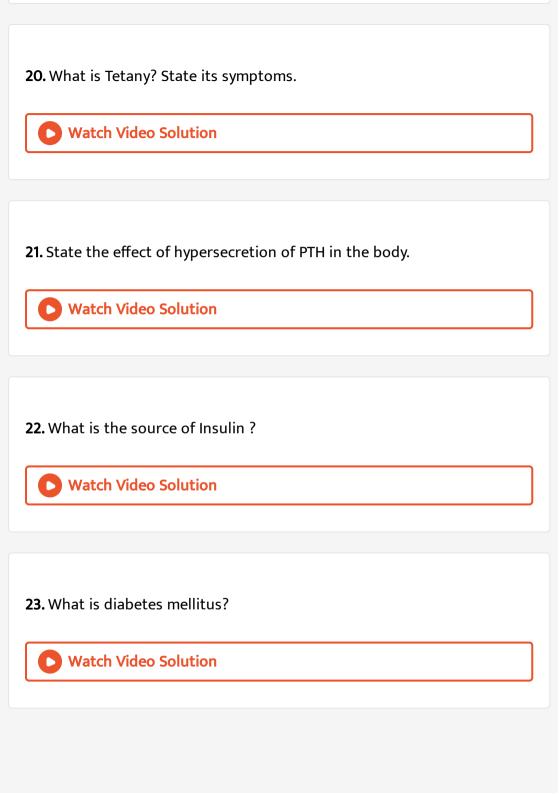


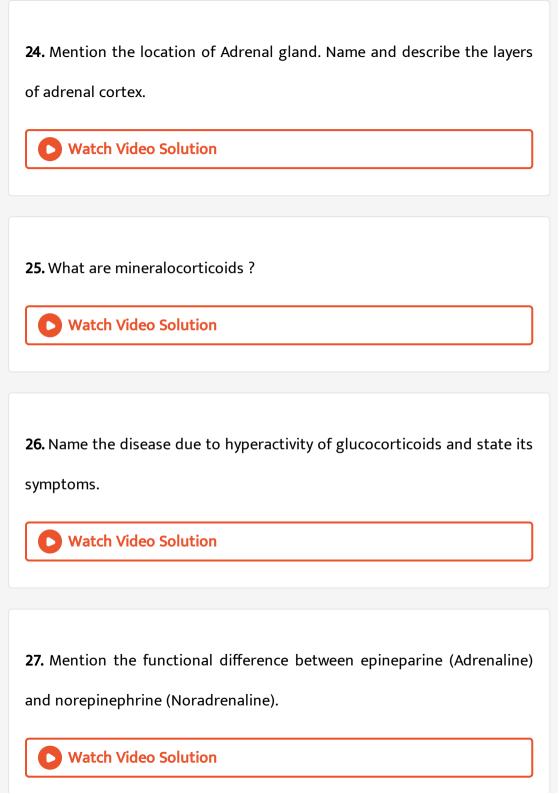
18. In what important respect hormones differs from enzymes and in which particular property they are same.

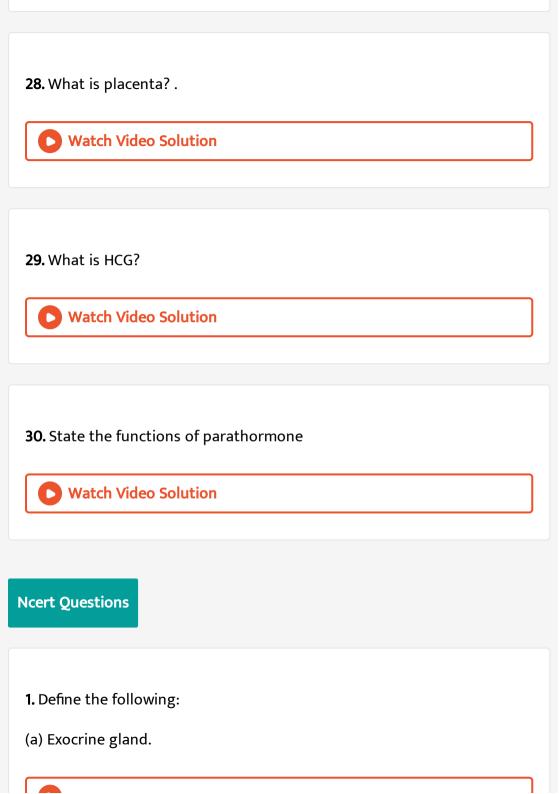


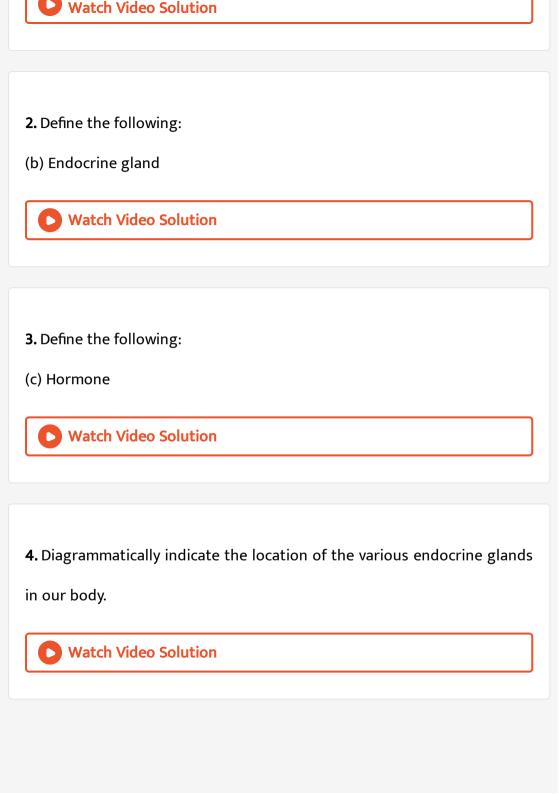
19. What is parathyroid gland? State its location in the body. State the role of parathormone (PTH) in the metabolism of calcium in the body.



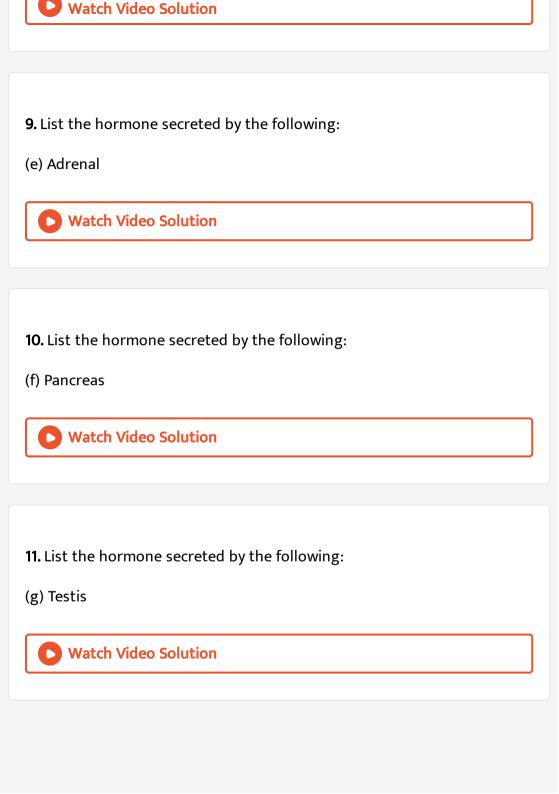








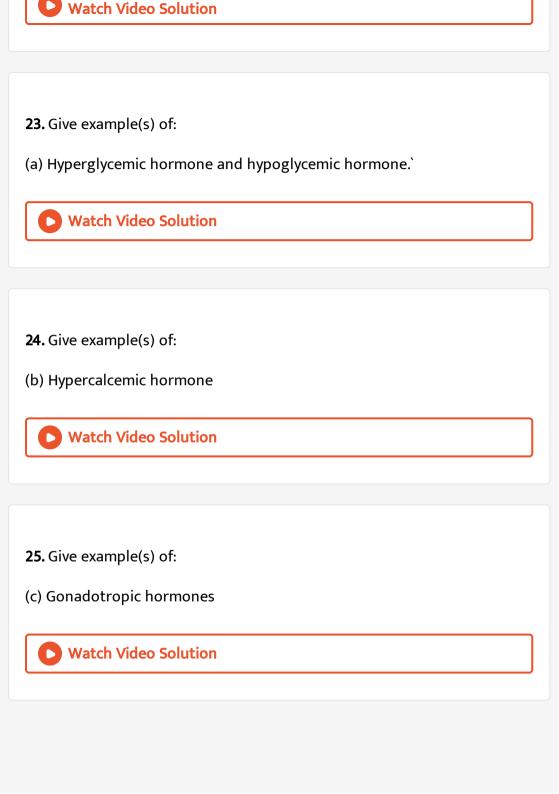
5. List the hormone secreted by the following:
(a) Hypothalamus
Watch Video Solution
Water video solution
6. List the hormone secreted by the following:
(b) Pituitary
Watch Video Solution
7. List the hormone secreted by the following:
(c) Thyroid
Watch Video Solution
8. List the hormone secreted by the following:
(d) Parathryroid

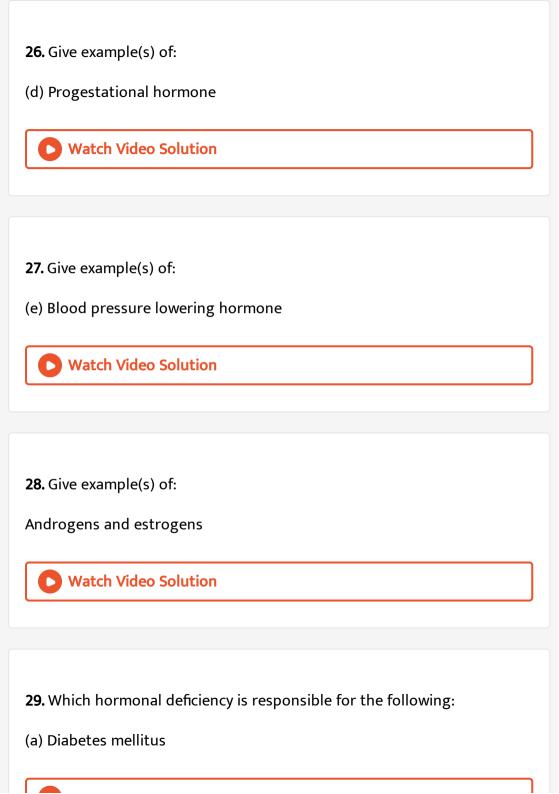


12. List the hormone secreted by the following:
(h) Ovary
Watch Video Solution
13. List the hormone secreted by the following:
(i) Thymus
Watch Video Solution
14. List the hormone secreted by the following:
(j) Atrium
Watch Video Solution
15. List the hormone secreted by the following:
(k) Kidney
(N) Nightey

Watch Video Solution
16. List the hormone secreted by the following:
(I) GI Tract
Watch Video Solution
17. Write short notes on the functions of the following hormones:
(a) Parathroid hormone (PTH)
Watch Video Solution
18. Write short notes on the functions of the following hormones:
(b) Thyroid hormones
Watch Video Solution

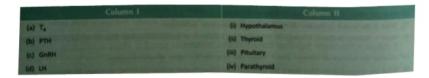
10 White short notes on the firmations of the following hormsones.
19. Write short notes on the functions of the following hormones:
(c) Thymosins
Watch Video Solution
20. Write short notes on the functions of the following hormones:
(d) Androgens
Watch Video Solution
21. Write short notes on the functions of the following hormones:
(e) Oestrogens
Watch Video Solution
Watch video solution
22. Write short notes on the functions of the following hormones:
(f) Insulin and Glucagon





Watch Video Solution
30. Which hormonal deficiency is responsible for the following:
(b) Goitre
Watch Video Solution
Water video Solution
31. Which hormonal deficiency is responsible for the following:
(c) Cretinism
Watch Video Solution
32. Briefy mention the mechanism of action of FSh.
Watch Video Solution
Water video Soldtion

33. Match the following:





Watch Video Solution