BIOLOGY

BOOKS - MODERN PUBLICATION

CHEMICAL COORDINATION AND INTEGRATION

Exercise

1. Name a local hormone.

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2. Which hormone was first to be discovered?

3. Who gave the term hormone?

4. From which amino acid,amine hormones are formed?

5. Which hormone is associated with BMR?

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6. Give one ismilarity between the enzymes and hormones.

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7. Which chemical compound acts as second messenger for the quick-acting homrmones?

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8. Name an ectomesodermal endocrine gland.

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9. Which hormone acts as a salt - retaining hormone?

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10. Which endocrine gland is called 4-S gland?

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11. Name the disorder associated with bulging of eye ball and less blinking.

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12. Give the reason for the following statements : insulin and glucagon are called atnagonistic hormones.

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13. Name the hormone associated with maintainingg of Na^+ and K^+ ionic concentrattion in body fluids .

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14. Which disorder is associated with decreased Na^+ level in the blood?

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15. Name two amine hormones.

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16. Which gland is called Triple-F gland.

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17. What is sella turcica?

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18. What is source of MSH?

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19. Name the disorder associated with over secretion of STH in adult.

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20. Name two neurohormones released from posterior pitutary.

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21. Which hormone is associated with diabetes insipidus?

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22. Give the function of thymosin.

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23. What is source of melatonin?

Watch Video Solution

24. Write the names and sources of the hormones regulating the following:

Metamorphosis of tadpoles.

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25. Which hormone is also called degrowth hormone and Why?

Watch Video Solution

26. Why is pancreas called a heterocrine gland?

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27. Name endorine part of pancreas.

Watch Video Solution

28. Which two hormones are secreted by pancreas?

Watch Video Solution

29. Which disorder is associated with deficiency of insuli?

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30. List two pecullar symtoms of diabetes mellitus.

Watch Video Solution

31. Name the endocrine cells of the testes.

Watch Video Solution

Watch Video Solution

32. List the functions of testosterone and estrogen.

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33. What are estrogens?

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34. List two functions of estrogens.

Watch Video Solution

35. What is corpus luteum? Give its function.

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36. Name the hormone secreted by corpus luteum.

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37. Give main functions of progesterone.

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38. List the function of relaxin.

Watch Video Solution

39. What is full form of HCG?

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40. Who gave the chemical nature of insulin?

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41. Why are contraceptive pills called combined pills?

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42. What is chemical nature of sex hormones?

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43. Give the reason for the following statements :

Progesterone is commonly called antiabortion hormone.

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44. Nme two glycoproteinous hormones.

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45. Name the fat-like structures which behave like hormones.

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46. Damage of thymus in a child may lead to:

A. Reduction in haemoglobin content of blood

B. Reduction in stem cell production

C. Loss of antibody-mediated immunity

D. Loss of cell-mediated immunity

Answer:

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47. Which of the following is not a hereditary disease?

A. Cretinism

B. haemophilia

C. Cystic fibrosis

D. Thalassaemia

Answer:

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48. Which of the following diseases is not related to thyroid gland?

A. myxedema

B. Cretinism

C. Acromegaly

D. Goitre

Answer:

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49. The hormone that controls the level of calcium and phosphorus in the blood is secreted by:

A. Thyroid

B. Parathyrid

C. Pituitary

D. Thymus

Answer:

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50. FSH is produced by

A. Thyroid gland

B. Posterior pitutary

C. Anterior pituitary

D. Gonads

Answer:

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51. Name the hormone which is secreted by the Leydig's cells.

A. Thyroxine

B. Testoterone

C. Growth hormone

D. Estrogen

Answer:

Watch Video Solution

52. FSH and LH are hormones together are called

A. Antistress hormones

B. Gonadotrophic hormones

C. Neurohormones

D. Emergency Harmone

Answer:

Watch Video Solution

53. Hormone responsible for ovulation is:

A. LH

B. FSH

C. Progesterone

D. Testosterone

Answer:

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54. the reabsorption of water in the kidney is under the control of:

A. LH

B. ADH

C. STH

D. ACTH

Answer:

55. Trophic hormones are formed by:

A. Thyroid

B. Anterior pituitary

C. Middle pituitary

D. Posterior pituitary

Answer:

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56. Which one of the following four glands is correctly matched with the description?

A. Thyroid-hyperactivity in young children causes cretinism

B. Thymus-starts underging atrophy after puberty

C. Parathyroid - secrets parathormone which promotes movement of Ca^{++} from blood into bones during ccification

D. Pancreas-Delta cells of islets of Langerhams secrete a hormone which stimulates glycolysis in liver

Answer:

57. Name the cells that nourish the germ cells in the testes. Where are these cells located in the testes?

A. Relaxin

B. Inhibin

C. Gonadotropin

D. Testosterone

Answer:

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58. A gland which gradually atrophies at the age of 14:16 years due to activities of sex gland is:

A. Thyroid

B. thymus

C. Pancreas

D. Parathyroid

Answer: Thymus

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59. Identify the hormone by the pituitary gland in both males and females but functional only in females:

A. Relaxin

B. Prolactin

C. Vasopressin

D. Somatotropic hormone

Answer:

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60. Endocrine part of pancreas is:

A. islets of Langerhans

B. hepatic lobbules

C. Serosa

D. Centroacinar cells

Answer: Insulin promotes:

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61. Which one of the following part is an endocrine gland?

A. Pars radiata

B. Brunner's glands

C. juxtaglomeruluus

D. Crypts of lieberkuhn

Answer:

Watch Video Solution

62. Hassall's bodies/corpuscles are found in:

A. Liver

B. Thymus

C. Thyroid

D. Adrenal

Answer:

Watch Video Solution

63. Grave's disease is due to:

A. hyperactivity of thyroid golnd

B. hyperactivity of adrenal cortex

C. Hyperactivity of adrenal medulla

D. hypoactivity of islets of Langerhans

Answer:

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64. Aldostrone is secreted by:

A. Zona glomerulosa

B. Zona fasciculata

C. Zona reticularis

D. Zona pellucida

Answer:

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65. Which of the following is not paired correctly?

A. Myxodema-swollen facial tissue

B. Cretinism -mentally retarded

C. Grave's disease-hyophthalamnus

D. Parathyroid-Tetany

Answer:

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66. Stress hormone is:

A. Oxytocin

B. Adrenaline

C. Vasopressin

D. Sex hormone

Answer:

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67. Hypothyroidism causes in adult:

A. Obesity

B. Diabetes

C. Cretinism

D. Myxoedema

Answer:

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68. A steroid hormone which regulate glucose metabolism is ?

A. Cortisol

B. Corticostrerone

C. 11-deoxy corticosterone

D. Cortisone

Answer:

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69. Which one of the following is not a second messenger in hormone action?

A. c-GMP

B. Calcium

C. Sodium

D. c-AMP

Answer:

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70. Which of the following is an accumulation and releasing centre of neurohormone?

A. Posterior Pituitary lobe

B. Inermediate lobe of pituitary

C. Hypothalamus

D. Anterior lobe of pituitary

Answer:

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71. Which of the following hormones is not steroid?

A. Estrogens

B. FSH

C. LH

D. Progesterone

Answer:

Watch Video Solution

72. Which hormone causes dilation of blood vessels, increased oxygen consumption and glucongenesis?

A. ACTH

B. Insulin

C. Adrenaline

D. Glucagon

Answer:

73. Tadpole of frog can be made to grow as giant sized tadpoles,if they are:

A. Administered antithyroid substance like thiourea

B. Administered large quantities of thyroxine

C. Reared on a diet rich in egg yolk

D. Reared on a diet rich in both egg yolk and glucose

Answer:

74. Diabetes insipidus is caused by the deficiency of hormone:

A. Insulin

B. Vasopressin

C. Glucagon

D. Oxytocin

Answer:

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75. Myoedema is a disorder of :

A. parathyroid gland

B. Adrenal glnd

C. Pituitary gland

D. Thyroid gland

Answer:

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76. Addition of which element in water speeds up the metamorphosis in frog's tadpole larva?

A. iodine

B. K^+

C. `Na^+

D. Chloride

Answer:

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77. Adrenaline and nor-adrenaline are hormones and act as:

A. Energy-producing agents

B. Food storage materials

C. neurotransmitters

D. Energy-storing substances

Answer:

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78. The brain is responsible for:

A. Water and electrolyte balance

B. Carbohydrate metabolism

C. Steriod hormone secretion

D. maintaining glucose levels

Answer:

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79. LH and FSH are collectively called:

A. Oxytocin

B. Somatotropins

C. Lutertrophins

D. Gonadotrophins

Answer:

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80. Who is known as "Father of endocrinology"?

A. R.H Whittaker

B. Pasteur

C. Thoma Addison

D. Einthoven

Answer:

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81. "Mammalian thymus" is mainly concerned with:

A. Regulation of body temperature

B. Regulation of body growth

C. Immunological functions

D. Secretion of thyrotrophin.

Answer:

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82. During energency,which of the following hormones is secreted?

A. Aldosterone

B. Thyroxine

C. Adernaline

D. Calcitonin

Answer:

83. The islets of langerbhans are found in:

A. Pancreas

B. Stomach

C. Liver

D. Alimentary canal

Answer:

84. Endostyle of Amphioxes is similar to:

A. parathyroid gland

B. Thymus

C. Thyroid

D. Thalamus

Answer:

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85. Which of the following is responsible for sleep cycle movement?

A. Dopamine

B. Melatonin

C. Serotonin

D. Adrenaline

Answer:

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86. Which is not a sympton of hypothyroiditis?

A. Lethargy

B. Mental retardation

C. oedema

D. Rise in blood urea

Answer:

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87. The hormones that inititale ejection of milk,Stimulates milk production and growth of ovarian follicles are respectively called:

A. PRT,OT and LH

B. OT,PRL and FSH

C. LH,PRL and FSH

D. PRH,OT and FSH

Answer:

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88. In heart cells,which one serves as a second messenger ,speeding up muscle cell contraction in response to adrenaline?

A. C-AMP

B. AMP

C. GTP

D. ATP

Answer:

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89. Which one of the following endocrine glands functins as a biological clock and a neurosecretory transducer?

A. Adrnal gland

B. Thyroid gland

C. Pineal gland

D. Thymus gland

Answer:

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90. Compared to a bull a bullock is docile because of:

A. Lower levels of adrenaline/nor - adrenailn in its blood

B. higher levels of thfyroxine

C. higher levels of cortisone

D. Lower levels of blood testosterone

Answer:

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91. Feeling the tremors of earthquakes a scared resident of seventh floor of a multi-storyed building starts climbing down the stairs rapidly ,which hormone initiated this reaction?

A. Gastrin

B. Thyroxin

C. Adrenaline

D. Glucagon

Answer:

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92. Which part of ovary of mammals acts as an endocrine gland after copulation?

A. Vitelline membrane

B. Graafian follicle

C. Stroma

D. Germinal epithelium

Answer:

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93. A person is having problems with calcium and phosphorus metabolism in the body.Which one of the following glands may not be functioning properly?

A. Thyroid

B. Parathyroid

C. Parotid

D. Pancreas-Delta cells of islets of Langerhams secrete a hormone which stimulates glycolysis in liver

Answer:

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94. melanocyte Stimulating Hormone(MSH) is produced by:

A. Anterior pitualtary

B. Posterior pitutary

C. Pars intermedia of pituitary

D. Parathyroid

Answer:

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95. Which one of the folowng pairs correctly matches a hormone with a disease resulting fromn its deficiency ?

A. Luteinizing hormone-Failure of ovulation

B. Insulin-Diabetes iunsipidus

C. Thuyroxine -Tetany

D. Parathyroid hormone-Diabetes mellitus

Answer:

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96. Which one of the following hormones is a modified amino acids?

A. Progesterone

B. Epinephrine

C. Prostglandins

D. Estrogens

Answer:

Watch Video Solution

97. Corpus luteum secretes:

A. Progesterone and estrogens

B. Only LH

C. Only progesterone

D. Progesterone and LH

Answer:

Watch Video Solution

98. testosterone is secreted by:

A. Sertoli cells

B. Leydig cells

C. Spermatogenic cells

D. All of the above

Answer:

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99. Hypothyroidism causes:

A. Myxoedema

B. Cretinism

C. Both (a) and (b)

D. Exophthalmic goitre

Answer: Which of the followig contols the functgion of sertoli cells?

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100. Depict the correct iste of hormone:

A. α-glucagons,β-insulin,γ-somatostati9n

B. α-insulin,β-glucagonsγ-somatostain

C. γ-insulin,α-somatostain,β-glucagons

D. α-somatostatin,β-insulin,γ-glucagons

Answer:

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101. Insuling receptros are:

A. Extrinsic protein

B. Intrinsic protein

C. G-protein

D. Trimeric protein

Answer:

Watch Video Solution

102. Which is not involved as 2nd messenger in Ca^{++} mediated hormone?

A. C-AMP

B. DG

C. Phospholipase

D. IP_3

Answer:

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103. Which of the following is not a hereditary disease?

A. Cystis fibrosis

B. Cretinism

C. Thalassamia

D. Hemophilia

Answer: Endysone is secreted bty:

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104. Different colours sof skin of frog are controlled by:

A. Melanocytes

B. Hormones

C. nervous system

D. Both(a) and (c)

Answer:

Watch Video Solution

105. The function of pineal body is to:

A. Lighten the skin colours

B. Controls secual behaviour

C. Regulats the period of puberty

D. All of the above

Answer:

Watch Video Solution

106. Which hormone produces calorigenic effect?

A. Thyroxine

B. FSH

C. Insulin

D. All of the above

Answer:

Watch Video Solution

107. Hassall's bodies/corpuscles are found in:

A. Aderna gland

B. Spleen

C. Thymus

D. Parathyroid gland

Answer:

Watch Video Solution

108. Pineal gland of human brain secrets melatonin concrerned with:

A. Anger

B. Body temperature

C. Colouration of skin

D. Sleep

Answer:

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109. the hormone responsible for "fight and Fight" response is:

A. Adrenaline

B. Thyroxine

C. ADH

D. Oxytocin

Answer:

Watch Video Solution

110. Enterogasterone is:

A. Hormone secreted by gastric mucosa

B. Enzyme secreted by mucosa

C. Hormone secreted by duodenal mucosa

D. Sereted by endocrine gland related to digestion

Answer:

111. ADH acts on the:

A. Collecting tubules of kidneys

B. Loop of Henle

C. collecting ducts of testes

D. None of above

Answer:

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112. Adrenal gland is derived from:

A. mesoderm

B. Ectoderm+Mesoderm

C. Ectoderm and endoderm

D.

Answer:

Watch Video Solution

113. Which hormone is responsible for milk ejection after the bith of baby?

A. Oxytocin

B. Progesterone

C. Prolactin

D. Estrogens

Answer:

114. An autoimmune disease where body's own antibodeis attack the cells of thyroid .it is called:

A. hyperthyrodism

B. Hoshimoto's disease

C. Grave's disease

D. Tuner's syndrome

Answer:

Watch Video Solution

115. Deficiency of which mineral cuaeses tgoitre disease:

A. Iodine

B. Zinc

C. Chlorine

D. Molybdenum

Answer:

Watch Video Solution

116. Which of the following hormone is steroid?

A. Epinephrine

B. Thyroxine

C. Estrogens

D. Prostaglandins

Answer:

Watch Video Solution

117. Which of the following is an amine hormone?

A. Cortisol

B. Thyroxine

C. Vit.D

D. Estrogens

Answer:

Watch Video Solution

118. Deficiency of vasopressin hormone causes:

A. Diabbetes mellitus

B. Goitre

C. Diabetes inspidus

D. Muyxoedema

Answer:

Watch Video Solution

119. Human insuln(Humulin) is being commercially produced from a transgenic

species of :

A. Rhizobium

B. Sachharmoyces

C. Escherichia

D. Mycohacterium

Answer:

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120. Which one of the following pair of organs includes only the endocrine glands?

A. Thymus and testes

B. adernal and ovary

C. Parathyroid and adrenal

D. Pancreas and parathyroid.

Answer:

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121. The blood calcium levels is lowered by the deficiency of :

A. Both calcitonin and parathormone

B. Calcitonin

C. parathormone

D. Thyroxine

Answer:

Watch Video Solution

122. Which one of the following hormones is a modified amino acids?

A. Epinephrine

B. Progesterone

C. Prostaglandins

D. Estrogens

Answer:

Watch Video Solution

123. Sertoli cells are regulated by pituitary hormone known as:

A. FSH

B. GH

C. Prolactin

D. LH

Answer:

Watch Video Solution

124. In cockroach,nympyhal characters are maintained by:

A. Ecdysone

B. Salivary glands

C. parotid glands

D. Juvenile hormone

Answer:

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125. Whic is known as"Father of Endocrinology"?

A. R. H. Whittaker

B. Pasteur

C. Einthoven

D. Thomas Addison

Answer:

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126. Body coordination is maintained by:

Endocrine system

Circulatory system

Nervous system

Cartilageous joints

A. 1,2 and 3 are correct

B. 1 and 2 are correct

C. 2 and 4 are correct

D. 1 and 3 are correct

Answer:

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127. An important function of progesterone is :

Prepare uterus for pregneancy

Implanation of embry

Maintenace of pregnancey

Stimulation of ADH secretion.

A. 1,2 and 3 are correct

B. 1 and 2 are correct

C. 2 and 4 are correct

D. 1 and 3 are correct

Answer:

128. Adrenalin hormone increases:

Blood pressure,Heart beat,Blood glucose level,Arterioscelerosis

A. 1,2 and 3 are correct

B. 1 and 2 are correct

C. 2 and 4 are correct

D. 1 and 3 are correct

Answer:

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129. The organ which have dual origin from embyonic layers:

Hypophysis

Adernal gland

Sense organs

Pancreas:

A. 1,2 and 3 are correct

B. 1 and 2 are correct

C. 2 and 4 are correct

D. 1 and 3 are correct

Answer:

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130. Both corpus luteum and macula lutea are:

A. Found in human ovaries

B. Sources of hormones

C. Characterized by yellow colour

D. Help in maintaning pregnancy?

Answer:

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131. Which one of the following four glands is correctly matched with the description?

A. Thyroid-hyperactivity in young children caseus cretinism

B. Thymus-starts underging atrophy after puberty

C. Parathyroid - secrets parathormone which promotes movement of Ca^{++} from blood into bones during ccification

D. Pancreas-Delta cells of islets of Langerhams secrete a hormone which stimulates glycolysis in liver

Answer:

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132. Adrenal gland is derived from:

A. Ectoderm

B. mesoderm

C. Ectoderm and endoderm

D. Ectoderm and mesoderm

Answer:

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133. Which hormone is responsible for milk ejection after the bith of baby?

A. Oxytocin

B. Progesterone

C. Prolactin

D. Estrogens

Answer:

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134. An autoimmune disease where body's own antibodeis attack the cells of thyroid .it is called:

A. hyperthyrodism

B. hashimoto's disease

C. Grave's disease

D. Turner's syndrome

Answer:

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135. Which one of the following hormones is not a secretion product of human placenta?

A. HcG

B. Prolactin

C. Estrogens

D. Progesterone

Answer:

Watch Video Solution

136. The pineal gland seretes:

A. Vasopressin

B. Melatonin

C. Melanin

D. MSH

Answer:

Watch Video Solution

137. Which type of epithelium is present in the thyroid follicles?

A. Squamous

B. Cuboidal

C. Transitional

D. Columnar

Answer:

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138. Diabetes insipidus is caused by the deficiency of hormone:

A. ADH

B. ACTH

C. Insulin

D. Glucagon

Answer:

Watch Video Solution

139. Metamorphosis of frog is controlled by:

A. insulin

B. Gwoth hormone

C. Thyroxine

D. Vasopressin

Answer:

Watch Video Solution

140. Which hormone controls blood calcium level?

A. Glucagon

B. ACTH

C. Insulin

D. Parathormone

Answer:

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141. Which among the following is a heterocrine gland?

A. Liver

B. Pancreas

C. Sweat glands

D. Stomach

Answer:

Watch Video Solution

142. Insulin promotes:

A. Glycogenesis

B. Glucosuria

C. Glycogenolysis

D. Gluconeogensis

Answer:

 Watch Video Solution

143. Excess of which of the following hormones casues Cushing's syndrome?

A. Thyroxine

B. Cortisol

C. Adernaine

D. Nor-Adrenaline

Answer:

Watch Video Solution

144. Which of the following is correctly matched?

A. Thyroxine-|Tetanus

B. insulin-Diabetes insipidus

C. Adrenaline-Hepatitis

D. Parathyroid-Tetany

Answer:

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145. Antidiurectic hormone is also known as:

A. Secretin

B. Vasopressin

C. Gastrin

D. Renin

Answer:

146. Which of the following hormones is not steroid?

A. Androen

B. Aldosterone

C. Testostrone

D. Vasopressin

Answer:

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147. If the pituitary gland of an adult rat is surgically remoed,which of the followign endocrine glands will be les affected?

A. Adrenal cortex

B. Adrenal medulla

C. Thyroid

D. Gonads

Answer:

148. The hormone that increases the blood calcium level and decreases its excretion by the kidneys,is,

A. Parathormone

B. Calcitonin

C. Thyroxine

D. Insulin

Answer:

Watch Video Solution

149. Estrogens and testosterone are steriod hormones nd most likely bind to:

A. Membrane ion channels

B. Enzyme-linked membrane receptors

C. G-protein couped membrane receptors

D. Cytoplasmic receptors

Answer:

150. Name the hormones which control metamorphosis in insects and frog.

A. Juvenile hormone

B. Brain hormone

C. Ecdysone

D. Prothoracicotropic hormone

Answer:

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151. Glycosuria is the condition,where a man:

A. Eats more sugar

B. Excretes sugar in urine

C. Sugar is egested in faeces

D. has low sugar level in blood

Answer:

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152. The hormone oxytocin and vasopressin are secreted by:

A. Neurohypophysis

B. Adenohypohphysis

C. Hypothalamus

D. Adrenal medulla

Answer:

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153. Gigantism and acromegaly are due to:

A. hypothyroidism

B. Hyperthyroidism

C. Hypopituitarism

D. Hyperpituitarism

Answer:

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154. Which hormone is secreted in a woman if pregnancy has occured ?

A. Estrogen

B. Progesterone

C. LH

D. HCG

Answer:

Watch Video Solution

155. Menstruation is due to sudden:

A. Reduction of FSH

B. Incease of LH

C. Reduction in estrogen and progesterone

D. None of above

Answer:

Watch Video Solution

156. Corpus luteum secretes:

A. Progesterone

B. Estrogen

C. Lutetropic hormone

D. Luteinizing hormone

Answer:

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

Hormone	Source	Function
(a) Vasopressin	Posterior pituitary	Increases loss of water through urine.
(b) Nor-epinephrine	Adrenal medulla	Increases heart beat, rate of respiration and alterness
(c) Glucagon	Beta-cells of Islets of Langerhans	Stimulates glycogenolysis
(d) Prolactin	Posterior pituitary	Regulates growth of mammary glands and milk formation in females

.

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158. Which of the following hormones is correctly matched with its deficiency disease?

A. Relaxin-Cretinism

B. parathormone-Tetany

C. Insulin-Diabetes insipidus

D. Prolactin-Astigmatism

Answer:

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159. Function of ADH is:

A. Reabsorption of wter

B. REabsorption of sodium

C. Diluting the urine

D. Increasign sugar level in urine

Answer:

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160. Which one of the following is not the function of insulin?

A. Increase the permeability of cell membbrane to glucose

B. increase th oxidation of glucose in the cells

C. Icrese the ocnverrsion of glucose in the cells

D. Increases the convversion of glycogen to glucose

Answer: Initaites the formatin fo hepatic glycogen from excess of glucose.

161. Which of the followiing hormones is not involved in tyrosine metabolism?

A. Calcitonin

B. melanin

C. Thyroxine

D. Epinephrine

Answer:

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162. Gonadotropic hormone is released by:

A. Adenohypophysis

B. neurohypophysis

C. Gonads

D. Germ layers

Answer:

Watch Video Solution

163. Myxoedema occurs due to:

A. Hypersecretion of thyroid hormone

B. Hyposecretion of thyroid hormone

C. Hypersecretion of parathormone

D. Hyposecretion of parathormone

Answer:

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164. Somatostatin is serected byt:

A. islets of Lagerhans

B. Brunner's glands

C. Chief cells

D. Goblet cells

Answer:

Watch Video Solution

165. Which one of the following hormones is a modified amino acids?

A. Prostaglandin

B. Estrogen

C. Epinephrine

D. Progesterone

Answer:

166. The hormone whch regulates sleep-wake cycle in man is:

A. Oxytocin

B. Vasopressin

C. Thyroxine

D. Melatonin

Answer:

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167. Hormone responsible for secretion of milk after parturition is:

A. ICSH

B. Prolactin

C. ACTH

D. LG

Answer:

Watch Video Solution

168. Endemic goitre is a state of :

A. Increased thyroid function

B. Normal thyroid function

C. Decreased thyroid function

D. Moderate thyroid function

Answer:

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169. Which of the function is the function of adrenaline?

A. helps in the gastric jiuce secretion

B. Increase heart rate and blood pressure

C. Increases bblood calcium

D. helps in milk secretion

Answer:

170. the hormone responsible for "fight and Fight" response is:

A. Adrenaline

B. Thyroxine

C. AH

D. Oxytocin

Answer:

171. This trace element is needed for insulin to exert its maximal effect in glucose uptake:

A. Vanadium

B. Chromium

C. Molybdenum

D. Selenium

Answer:

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172. Parathormone influences calcium absorption in small intestinee by reguultaingmetabolism of:

A. Vitamin-C

B. Vitamin-D

C. Vitamin-B_6

D. Enterogasterone

Answer:

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173. Which is a 32-amino acid water soluble peptide hormone?

A. Gastrin

B. Calcitonin

C. Glucagon

D. insulin

Answer:

Watch Video Solution

174. this gastontestinal hormone stimulates insulin secretion:

A. Gastrin

B. CCK

C. Secretin

D. GIP

Answer:

Watch Video Solution

175. Match the srouce gland with its respective hormone as well as the function:

Source gland	Hormone	Function
(a) Anterior pituitary	Oxytocin	Contraction of uterus muscles during child birth
(b) Posterior pituitary	Vasopressin	Stimulus reabsorption of water in the distal tubules in the nephron
(c) Corpus luteum	Estrogen	Supports pregnancy
(d) Thyroid	Thyroxine	Regulates blood calcium level

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176. Given below is an incomplete table about certain hormones,their source glands and one

major effect of each on the body of humans.Identify the correct option for the blankdsA,B and C:

Gland	Secretion	Effect on body
A	Oestrogens	Maintenance of secondary sexual characters
Alpha cells of Islets of Langerhans	B	Raises blood sugar level
Anterior pituitary	C	Oversecretion leads to gigantism

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177. Diabetes insipidus is due to insufficeint release of:

A. Insulin

B. Glucagon

C. ADH

D. Thyroxine

Answer:

178. During the processing of proinsulin to mature"insulin":

A. C-peptide is added to proinsulin

B. C-peptide is removed from proinsulin

C. B-peptide is added to proinsulin

D. B-peptide is removed from proinsulin

Answer:

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179. Select the correctly matched pair:

A. Pineal gland -Does not influence menstrual cycle

B. Corpus luteum-Secretes oxytocin

C. Interstitial cells-Erythropoitic

D. Cholecystokinin-Stimulates pancreatic enzyme secretion

Answer:

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180. The "amno acid derivative" among the following hormones is :

A. Insulin

B. Epinerphine

C. Estradiol

D. Testosterone

Answer:

Watch Video Solution

181. ADH deficiency sHows the following condition:

A. Only polydipsia

B. Polyuria

C. Polydipsia and polyuria

D. Glycosuria

Answer:

182. Fill in the blanks:

Deficiency of iodine leads to a disease called..... .

183. Fill in the blanks:

..... is called Gland of Emergency.

184. Fill in the blanks:

Deficiency of ..... causes diabetes mellitus.

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185. Fill in the blanks:

Progesterone is released by..... in the ovary.

Watch Video Solution

186. Fill in the blanks:

..... is a heterocrine glnd.

Watch Video Solution

187. Fill in the blanks:

Hormone which helps in child birth is .....

Watch Video Solution

188. Fill in the blanks:

Oversecretion of STh in adult causes..... .

Watch Video Solution

189. Fill in the blanks:

Disese casued by deficiency by ADH is.....

Watch Video Solution

190. Fill in the blanks:

Leydig cells are located in.....

Watch Video Solution

191. Metamorphosis of frog is controlled by:

Watch Video Solution

192. Fill in the blanks:

MSH stands for ..... and is sereted by.....

Watch Video Solution

193. Fill in the blanks:

Addison's disease is due to ..... of ..... .

Watch Video Solution

194. Fill in the blanks:

Corticotropin stimulates stimulates the growth of the .....and the secretion of .....from it.

Watch Video Solution

195. Fill in the blanks:

Diabetes insipidus results from a deficiency of .....while diabetes mellitus is caused by a deficiency of .....

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196. Fill in the blanks:

Secretion of milk is stimulated by .....while ejection of milk is stimulated by .....

Watch Video Solution

197. Fill in the blanks:

Growth of female secondary sec organs is stimulated at puberty by .....while growth of male secondary sec organs is stimulated by .....

Watch Video Solution

198. Fill in the blanks:

Urinary loss of Na^+ is reduced by the hormone....., while the Ca^{2+} concentration is raised in plasma by..... .

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199. Fill in the blanks:

Deficiency of growth hormone from childhood produces the diseases called .....while oversecretion of that hormone from childhood causes .....

Watch Video Solution

200. Fill in the blanks:

Reabsorption of water from the urine is increased by the hormone....., while reabsorption of Na^+ from the urine is increased by..... .

Watch Video Solution

201. Fill in the blanks:

4S gland is ..... .

Watch Video Solution

202. Fill in the blanks:

..... is not under direct control of pituitary.

Watch Video Solution

203. Fill in the blanks:

A ruptured graafian follicle forms..... .

Watch Video Solution

204. Fill in the blanks:

Alpha-cells of pahcrease secrete.....while Beta cells of pancreas secrete..... .

Watch Video Solution

205. Fill in the blanks:

hormone testosterone is prodcued in the ..... cells of testis.

Watch Video Solution

206. Fill in the blanks:

Hormones	Target gland
(i) Hypothalamic hormones	_____
(ii) Thyrotrophin (TSH)	_____
(iii) Corticotrophin (ACTH)	_____
(iv) Gonadotrophins (LH, FSH)	_____
(v) Melanotrophin (MSH)	_____

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207. Match the hormone in column I with their function in column II.

Column I	Column II
(a) FSH	1. Prepare endometrium for implantation
(b) LH	2. Develops female secondary sexual characters
(c) Progesterone	3. Contraction of uterine wall
(d) Estrogen	4. Development of corpus luteum
	5. Maturation of graafian follicle

(a) a–5, b–4, c–1, d–2 (b) a–4, b–5, c–2, d–1
(c) a–4, b–3, c–2, d–5 (d) a–5, b–1, c–2, d–4
(e) a–4, b–2, c–3, d–5

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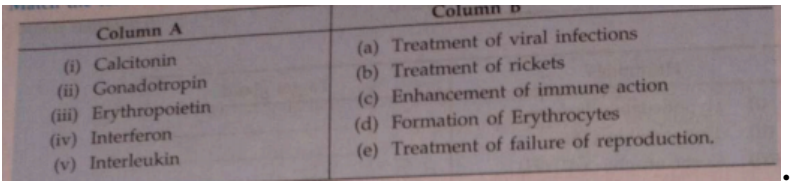
208. Match the terms in column A with suitable terms in column B and choose the correct answer.



Column A	Column B
(i) Calcitonin	(a) Treatment of viral infections
(ii) Gonadotropin	(b) Treatment of rickets
(iii) Erythropoietin	(c) Enhancement of immune action
(iv) Interferon	(d) Formation of Erythrocytes
(v) Interleukin	(e) Treatment of failure of reproduction.

.

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209. Match the terms in column A with suitable terms in column B and choose the correct

answer.

Column I	Column II
A. Adrenalin	1. Myxoedema
B. Hyperparathyroidism	2. Accelerates heartbeat
C. Oxytocin	3. Salt-water balance
D. Hypothyroidism	4. Child birth
E. Aldosterone	5. Demineralisation

(a) A–2, B–5, C–4, D–1, E–3 (b) A–3, B–4, C–5, D–1, E–2
(c) A–5, B–3, C–2, D–4, E–1 (d) A–2, B–3, C–4, D–5, E–1
(e) A–5, B–3, C–4, D–2, E–1

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210. Match the terms in column A with suitable terms in column B and choose the correct answer.

Column I	Column II
A. ANF	1. Regulates blood calcium levels
B. MSH	2. Decreases blood pressure
C. GIP	3. Pigmentation
D. TCT	4. Inhibits gastric secretion

(a) A–4, B–1, C–2, D–3 (b) A–2, B–1, C–4, D–3
(c) A–4, B–1, C–3, D–2 (d) A–3, B–2, C–4, D–1
(e) A–2, B–3, C–4, D–1

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211. True or False

Hormones released from posterior pitutary are not syntheiszed in posterior pituitary.

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212. True or False

Both myxoedema and cretinism are caused due to hypthyroidism.

Watch Video Solution

213. True or False

Lack of insulin causes diabetes insipidus.

Watch Video Solution

214. True or False

Some sex hormones are proteinous while some sex hormones are steroid in nature.

Watch Video Solution

215. Write 'True' or 'False' :

Glucagon is a catabolic hormone

Watch Video Solution

216. Write 'True' or 'False' :

Vasopressin helps in osmoregulation and exerts pressure effect.

Watch Video Solution

217. Write 'True' or 'False' :

Hypothalamus stimulate Leydig's cells to secrete testosterone.

Watch Video Solution

218. Write 'True' or 'False' :

hypothalamus exerts excitatory as well as inhibitory controls over secretion of growth horrmone from anterior pituitary.

Watch Video Solution

219. Write 'True' or 'False' :

Grave's disease is characterised by low BMR.

Watch Video Solution

220. Write 'True' or 'False' :

Glucagon is a catabolic hormone

Watch Video Solution

221. Write 'True' or 'False' :

Thyroid hormone is required for normal prenatal

brain development.

Watch Video Solution

222. Write 'True' or 'False' :

Glucocorticoids are anabolic steriods.

Watch Video Solution

223. Write 'True' or 'False' :

Testosterone is water soluble and acts via receptors on the plasma membrane of target cells.

Watch Video Solution

224. Write 'True' or 'False' :

hypoglycaemia occurs most frequently in diabetic patients.

Watch Video Solution

225. Write 'True' or 'False' :

Oxytocin is released in response to mechanical stimulation of the breast nipple.

Watch Video Solution

226. Mark the odd one in each series:

Goitre,cretnism,dwarfism,myxoedema.

Watch Video Solution

227. Mark the odd one in each series:

Oxytocin,Somatostatin,goandotropin releasing hormone,croticotropin releasing hormone.

Watch Video Solution

228. Mark the odd one in each series:

Glucocorticoids,mineralcorticoids,sex

corticoids,corticotropin.

Watch Video Solution

229. Mark the odd one in each series:

FSH,ICSH,prolactin,LH

Watch Video Solution

230. Mark the odd one in each series:

Iunsulin,glucogon,diabetes insipidus,diabetes

mellitus.

Watch Video Solution

231. Mark the odd one in each series:

Testosternoe:epinephrin,progensterone,aldosterone.

Watch Video Solution

232. Mark the odd one

Watch Video Solution

233. Write the names and sources of the hormones regulating the following:

Uterine changes in pregnancy

Watch Video Solution

234. Write the names and sources of the hormones regulating the following:

Urinary elimination of water.

Watch Video Solution

235. Write the names and sources of the hormones regulating the following:

Metamorphosis of tadpoles.

Watch Video Solution

236. Write the names and sources of the hormones regulating the following:

Na^+ and K^+ metabolisms.

Watch Video Solution

237. Write the sources and names of the hormones regulating the following:

Blood sugar level

Watch Video Solution

238. Write the names and sources of the hormones regulating the following:

Milk secretion

Watch Video Solution

239. Write the names and sources of the hormones regulating the following:

Contraction of uterus during delivery.

Watch Video Solution

240. Note the relationship between first two words and suggest a suitable word for the fourth place:

hyperthyrodisim:exopthalmic

goitre::Hypothyroidism:..... .

Watch Video Solution

241. Note the relationship between first two words and suggest a suitable word for the fourth place:

Increased secretion of STH:Gigantism::Decreased secretion of STH:..... .

Watch Video Solution

242. Note the relationship between first two words and suggest a suitable word for the

fourth place:

insulin:Diabetes mellitus ::ADH:..... .

Watch Video Solution

243. Note the relationship between first two words and suggest a suitable word for the fourth place:

Female secondary sexual characters:Estrogens::Male secondary sexual character:.....

Watch Video Solution

244. Note the relationship between first two words and suggest a suitable word for the fourth place:

Steriod hormone:Testoterone::Amine hormoone:.....

Watch Video Solution

245. Note the relationship between first two words and suggest a suitable word for the fourth place:

Osmoregulation:Vasopressin::Child birth:..... .

Watch Video Solution

246. Give the reason for the following statements :

insulin and glucagon are called atnagonistic hormones.

Watch Video Solution

247. Give the reason for the following statements :

Epinephrin of adrenal medulla is called sympathetic hormone.

Watch Video Solution

248. Give the reason for the following statements :

FSH is called gametokinetic hormone.

Watch Video Solution

249. Give the reason for the following statements :

Body grwoth is greatly accelerated at puberty in the male.

Watch Video Solution

250. Why pitutary gland is called master gland?

Watch Video Solution

251. Given scientific reasons for the following :

Panceras is heterocrine gland.

Watch Video Solution

252. Give the reason for the following statements :

Thyroxine controls the physical,metal and sexual growth of body.

Watch Video Solution

253. Give the reason for the following statements :

in case of steroid hormones,there is a lag period between theri secretion from endocrine gland and action on target organised.

Watch Video Solution

254. Give the reason for the following statements :

FSH and LH are synergisitc hormones.

Watch Video Solution

255. Give the reason for the following statements :

Adrenal gland is called "Gland of Emergency".

Watch Video Solution

256. Give the reason for the following statements :

Epinephrine is commonly called triple-F hormone.

Watch Video Solution

257. Give the reason for the following statements :

Degeneration of thymus in old age casues decreased immunity.

Watch Video Solution

258. Give the reason for the following statements

:

Adrenal gland is also called 4 S-gland.

Watch Video Solution

259. Give the reason for the following statements

:

Contraceptive pills are used to check ovulation.

Watch Video Solution

260. Give the reason for the following statements :

Progesterone is commonly called antiabortion hormone.

Watch Video Solution

261. These questions consist of two statements each,printed as Assertion and Reason.While answering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:Blood pressure is arterial blood pressure.

Reason:It is measured by sphygmomanometer.

A. A

B. B

C. C

D. D

Answer:

Watch Video Solution

262. These questions consist of two statements each,printed as Assertion and Reason.While asnwering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason

is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:Diabetes insipidus is due to deficiency of insulin and is characterized by diuresis,polydipsia,hyperglycaemia and glycosuria.

Reason:In diapedes insipidus,body cells cannot use glucose and liver cells cannot store glucose.

A. A

B. B

C. C

D. D

Answer:

Watch Video Solution

263. These questions consist of two statements each,printed as Assertion and Reason.While answering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason

is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:Pituitary gland is also called master gland.

Reason:It secretes a number of trophic hormones which regulate secretion from other endocrine glands.

A. A

B. B

C. C

D. D

Answer:

Watch Video Solution

264. These questions consist of two statements each,printed as Assertion and Reason.While asnwering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:Acromegaly is gorilla-like appearance due to oversecretion of STH from childhood.

Reason:Acromicria is with smaller hands,feet and face due to less secretion of somatostatin.

A. A

B. B

C. C

D. D

Answer:

 Watch Video Solution

265. These questions consist of two statements each,printed as Assertion and Reason.While asnwering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:Oxytocin is a birth hormone and milk-forming hormone.

Reason:Oxytocin is secreted from posterior lobe of pituitary gland and controls the contraction of uterine muscles at the time of implantation.

A. A

B. B

C. C

D. D

Answer:

 Watch Video Solution

266. These questions consist of two statements each,printed as Assertion and Reason.While answering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:A woman does not conceive during the lactation period.

Reason:the hormone prolactin stimulates(a)the growth of milk glands during pregnancy and (b) secretion of milk in a postpartum woman.

A. A

B. B

C. C

D. D

Answer:

 Watch Video Solution

267. These questions consist of two statements each,printed as Assertion and Reason.While answering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:After operation,menstural cycle in woman may be stopped

Reason:Ovarian hormones induce menstrual cycle.

A. A

B. B

C. C

D. D

Answer:

 Watch Video Solution

268. These questions consist of two statements each,printed as Assertion and Reason.While answering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:In a tadpole,if thyroid is

cut,metamorphosis stops.

Reason:TSH is not secreted.

A. A

B. B

C. C

D. D

Answer:

Watch Video Solution

269. These questions consist of two statements each,printed as Assertion and Reason.While asnwering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:The imbalance in the concetration of Na^+, K^+ and proteins generates the resting

potential.

Reason:to maintian unequal distribution of Na^+ and K^+ ions ,the neurons use chemical energy in the form of ATP to actively transort Na^+ ions out of the cell and move K^+ inside the cell.

A. A

B. B

C. C

D. D

Answer:

Watch Video Solution

270. These questions consist of two statements each,printed as Assertion and Reason.While asnwering these questions you are required to chose any one of the following four responses.

If both Assertion and Reason are true and Reason in correct explanation of Assertion.

If both assertion and Reason are true but reason is not correct explanation of Assertion.

If Assertion is true but Reason is false.

If both Assertion and Reason are false.

Assertion:Diabetes insipidu8us is marked bby excessive urination and too muuch thrist for

water.

Reason:anti-diurectic homone(ADH) is serected by the posterior lobe of pituiary gland.

A. A

B. B

C. C

D. D

Answer:

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271. Name a quick acting hormone and a hormone acting with a lag period.

Watch Video Solution

272. Which hormone is called birth hormone in the female human beings?

Watch Video Solution

273. Give the name for a gland which is partly exocrine and partly endocrine.

Watch Video Solution

274. Name the hormone responsible for secondart sexual characters in male and female.

Watch Video Solution

275. Why pitutary gland is called master gland?

Watch Video Solution

276. Name the source of aldosterone, epinephrine and melatonin hormone.

Watch Video Solution

277. Name the diseases associated with abnormal secretion of thyroxine.

Watch Video Solution

278. Name two hormones regulating calcium-phosphorus balance inside the body.

Watch Video Solution

279. Name the hormone that influences secretion of oestrogen.

Watch Video Solution

280. Name the source glands of glucagon and parathormone.

Watch Video Solution

281. Name the gland that secretes vasopressin.What are its two principal actions?

Watch Video Solution

282. What is the source of aldosterone?

Watch Video Solution

283. Name the neurohormone which inhibits the secretion of growth hormone from the anterior pitutary.

Watch Video Solution

284. Deficiency of which hormone leads to diabetes isipidus?

Watch Video Solution

285. Name two hormones of pancreatic islets.

Watch Video Solution

286. Name the hormone whch controls osmoregulation.

Watch Video Solution

287. Name the following : The gland, which produces the so called 'emergency hormone'.

Watch Video Solution

288. List the functions of thyroid gland.

Watch Video Solution

Watch Video Solution

289. Give full form of ACTH and ICSH.

Watch Video Solution

290. Name a hormone secreted byh parathyoid gland and write its functions.

Watch Video Solution

291. Name the disese caused by the deficiency of vasopressin.

Watch Video Solution

292. Write the names and sources of the hormones regulating the following:

Na^+ and K^+ metabolisms.

Watch Video Solution

293. Which hormone is responsible for milk ejection after the bith of baby?

Watch Video Solution

294. Why is oxytocin called "birth hormone"?

Watch Video Solution

295. What causes gigantism?

Watch Video Solution

296. Name the hormone which is secreted by the Leydig's cells.

Watch Video Solution

297. What stimulates the secretion of parathyroid hormone?

Watch Video Solution

298. What is the role of oxytocin in copulation?

Watch Video Solution

Watch Video Solution

299. What is the function of secretin?

Watch Video Solution

300. Name the condition when the concentration of ketone bodies increases in urine:

Watch Video Solution

301. Distinguish between:

glucocorticoids and miner-alocorticoids

Watch Video Solution

302. Distinguish between:

Vasopressin and oxytocin

Watch Video Solution

303. Distinguish between:

exophthalamic goitre and iodine deficiency

goitre

Watch Video Solution

304. Distinguish between:

cretinism and dwarfism.

Watch Video Solution

305. Why is the endocrine system considered a chemical extension of the nervous system?

Watch Video Solution

306. What forms the corpus luteum?Name the hormone secreted by it?

Watch Video Solution

307. Name the hormones whose definciency causes diabetes mellitus and diabetes insipidus.

Watch Video Solution

308. Name the hormone responsible for the descent of testes into the scrotum. Why does the failure of the process result in sterlity ?

Watch Video Solution

309. Write the effects of insulin deficiency.

Watch Video Solution

310. What happens to the walls of distal convoluted tubule(DCT) of the nephrons when

vasopressin is released by pituitary gland into blood stream?

Watch Video Solution

311. Name two hormones sereted by thyroid gland.Mention one symptom of hypothyroidism in children and Name this disorder.

Watch Video Solution

312. What causes myxoedem?Write tow symptom of this disease.

Watch Video Solution

313. Name the secretion of alpha and beta cells of the islets of Langerhans.Mention of the role of these ecretions.

Watch Video Solution

314. What usually can cause oversecretion of parathormne in human body?List any two effects on the body because of its oversecretion.

Watch Video Solution

315. List any two functions of thyroid gland in humans.Name the condition caused due to huyperthyroidism and give its one symptom.

Watch Video Solution

316. Name two human diseases caused due to absence to protein.

Watch Video Solution

317. Name the source gland of luterinising hormone(LH).Mention the other hormone which it acts on its target cells/organ.Give their two functions.

Watch Video Solution

318. What is cretinism?Give its any two causes.

Watch Video Solution

319. Give the reason for the following statements :

insulin and glucagon are called atnagonistic hormones.

Watch Video Solution

320. Distinguish between:

diabetes mellitus and diabetes insipidus

Watch Video Solution

321. Differentiate between adrenal cortex and adrenal medulla.

Watch Video Solution

322. Discuss the role of hypothalamus an pituitary as a coordinated unit in maintaining physiological processes.

Watch Video Solution

323. What are examples of pairs of antagonistic hormones associated with basal metabolism? How does each pair function?

Watch Video Solution

324. Name the part of brain that functions as an endocrine gland.Name the describe the role of the hormone it secretes which is involved in influencing the height of a person.

Watch Video Solution

325. Which hormone regulates the permeability of DCT and collecting tubules to water?

Watch Video Solution

326. how do exocrine and endocrine glands differ ?What are heterocrine glands?

Watch Video Solution

327. Give the full form of ADH.Describe its functions.Name the disorder that occurs due to deficiency of this hormone.

Watch Video Solution

328. Name th T_3 and T_4 components of the thyroid hormones.Explain their specific action.

Watch Video Solution

329. Due to some physiological reasons,the blood gluucose level of an otherwise normal person has hsot up above normal.How will this condition be returned to normal through action?

Watch Video Solution

330. What forms the corpus luteum?Name the hormone secreted by it?

Watch Video Solution

331. Name three hormones secreted by each of Pituitary gland and Thyroid gland.

Watch Video Solution

332. What is the chemical natrue of Insulin hormone?Discuss its role in the body.

Watch Video Solution

333. Name the full form of FSH.Name the gland that secretes it.How does it differ in function in a male and a female?

Watch Video Solution

334. Describe the formation and functions of corpus luteum in human female.

Watch Video Solution

335. A pateint was complaining of frequency urination,excessive thirst,hunger and tiredness,his fasting glucose level was found higher than 130 mg/dl on two occasions.

Name the disease

Watch Video Solution

336. A patient complains of constant thirst, excessive passing of urine and low blood pressure. When the doctor checked the patients 'blood glucose and blood insulin level, the level

were normal or slightly low. The doctor diagnosed the condition as diabetes insipidus. But he decided to measure one more hormone inpatients blood. which hormone oes the doctor intend to measure?'

Watch Video Solution

337. A pateint was complaining of frequency urination,excessive thirst,hunger and tiredness,his fasting glucose level was found higher than 130 mg/dl on two occasions.

Explain why the glucose level is htgher than 130 mg/dl.

Watch Video Solution

338. Name the hormones released from the posterior lobe of pituitary gland and give their functions.

Watch Video Solution

339. Name the organ or 'cell which secretes thyroxine and 'adrenaline.· State function.

Watch Video Solution

340. Explain hormonal basis of Diabetes mellitus and Diabetes insipidus.Give their symptoms.

Watch Video Solution

341. Name the hormones which control the following processes:

Differentiation of T-lymphocytes.

Watch Video Solution

342. Name the hormones which control the following processes:

Release of sugar from liver.

Watch Video Solution

343. Name the hormones which control the following processes:

Child birth.

Watch Video Solution

344. Name the hormonal imbalance which causes tthe following diseases:

Acromegaly

Watch Video Solution

345. Give the name of the hormones and the related glands concerning the following diseases:

Addison's disease

Watch Video Solution

346. Name the hormonal imbalance which causes the following diseases:

Tetany.

 Watch Video Solution

347. Name the hormone that regulates each of the following function.Also mention the source of it.

urinary elimination of water,

 Watch Video Solution

348. Name the hormone that regulates each of the following function.Also mention the source of it.

Storage of glucose as glycogen,

Watch Video Solution

349. Name the hormone that regulates each of the following function.Also mention the source of it.

Sodium and potassium ion metabolism,

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350. Name the hormone that regulates each of the following function.Also mention the source of it.

Basal metabolic rate,

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351. Name the hormone that regulates each of the following function.Also mention the source of it.

Descent of testes in scrotum.

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352. Name the hormone that regulates each of the following function.Also mention the source of it.

heart beat and blood presssure,

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353. Name the hormone that regulates each of the following function.Also mention the source

of it.

Secretion of growth hormone,

354. Name the hormone that regulates each of the following function.Also mention the source of it.

Maturation of Graafian follicle,

355. Name the hormone that regulates each of the following function.Also mention the source of it.

Rise in calcium secretion,

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356. Name the hormone that regulates each of the following function.Also mention the source of it.

milk ecretion.

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357. Name the hormones secreted by adrenal medulla giving the functions performed by them.

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358. Discuss the role of ADH in osmoregulation of body fluids.

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359. Discuss the disorders associated with malfunctioning of adrenal glands.

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360. What are the seven principal hormones produced by the anterior pituitary ?What function doe each serve?

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361. What hormones are secreted by the posterior pituitary gland?What function does each serve?Where are these hormones actually produced ?How are these hormones transported to the region from where they are released?

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362. What hormone is produced when the body' blood glucose level become elevated ?How does this hormone act to return the level to normal?

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363. What is diabetes ?What is ultimate hormonal deficiency in this disease ?How does this affect an individual's ability to use glucose? Wat are some possible treatment for diabetes mellitus?

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364. Explain the role of following hormones ,with reference to menstrual cycle:

FSH,

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365. Explain the role of following hormone ,with reference to menstrual cycle:

LH,

Watch Video Solution

366. Explain the role of following hormones ,with reference to menstrual cycle:

Estrogen,

Watch Video Solution

367. Explain the role of following hormones ,with reference to menstrual cycle:

Estrogen,

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368. Name the hormones produced by adrenal gland.Mention their roles in metabolism.

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369. Distinguish between:

Vasopressin and oxytocin

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370. Differentiate between:

Somatotropin and Somatostatin.

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371. Describe the secondary functions of stem.

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372. List the different hormones secreted by adrenal cortex.Give their chemical nature ,specific region of secretion and one major function of each

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373. Exlain the role of the following hormones/proteins with reference to hormonal control of human male reproductive system:

GnRH

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374. Exlain the role of the following hormones/proteins with reference to hormonal control of human male reproductive system:

LH

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375. Exlain the role of the following hormones/proteins with reference to hormonal

control of human male reproductive system:

Testosterone

376. Exlain the role of the following hormones/proteins with reference to hormonal control of human male reproductive system:

FSH

377. Exlain the role of the following hormones/proteins with reference to hormonal control of human male reproductive system:

Inibin

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Example

1. Define the following: Exocrine gland

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2. Define the following :

Endocrine glands

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3. Define the following: Hormone

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4. Diagrammatically indicate the location of various endocrine glands in our body.

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5. List the hormones secreted by the following:

Hypothalamus

6. List the hormones secreted by the following:

Pituitary

7. List the hormones secreted by the following:

Thyroid

8. List the hormones secreted by the following:

Parathyroid

9. List the hormones secreted by the following:

Adrenal

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10. List the hormones secreted by the following:

Pancreas

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11. List the hormones secreted by the following:

Testis

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12. List the hormones secreted by the following:

Ovary

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13. List the hormones secreted by the following:

Thymus

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14. List the hormones secreted by the following:

Atrium

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15. List the hormones secreted by the following:

Kidney

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16. List the hormones secreted by the following:

G-I tract.

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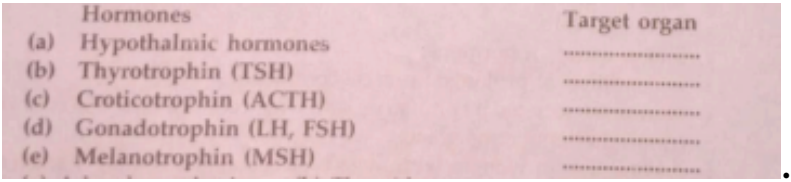
17. Fill in the blanks:



	Hormones	Target organ
(a)	Hypothalmic hormones	.....
(b)	Thyrotrophin (TSH)	.....
(c)	Croticotrophin (ACTH)	.....
(d)	Gonadotrophin (LH, FSH)	.....
(e)	Melanotrophin (MSH)	.....

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18. Write short notes on the funtions of the following hormones: Parathyroid hormone (PTH)

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19. Write short notes on the funtions of the following hormones: Thyroid hormones

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20. Write short notes on the funtions of the following hormones: Thymosins

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21. Write short notes on the funtions of the following hormones: Insulin and Glucagon

22. Write short notes on the funtions of the following hormones: Estrogens

23. Write short notes on the funtions of the following hormones: Androgens

24. Give example(s) of : Hyperglycemic hormone and hypoglycemic hormone

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25. Give example(s) of : hypercalcemic hormone

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26. Give examples

Gonadotrophic hormone

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27. Give example(s) of : Progestational hormone

Watch Video Solution

28. Give example(s) of : Blood pressure lowering hormone

Watch Video Solution

29. Give example(s) of : Androgens and estrogens

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30. Which hormonal deficiency is responsible for the following:

Diabetes mellitus

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31. Which hormonal deficiency is responsible for the following:

Goitre

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32. Which hormonal deficiency is responsible for the following:

Cretinism.

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33. Briefly mention the mechanism of action of FSH.

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34. Match the following:

	Column - I		Column -II
(a)	T_4	(*i*)	Hypothalamus
(b)	PTH	(*ii*)	Thyroid
(c)	GnRH	(*iii*)	Pituitary
(d)	LH	(*iv*)	Parathyroid

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