

BIOLOGY

71. Which of the following is / are second messenger(s)? [NCERT XI Pg. 340]
 (1) cAMP (2) IP₃
 (3) Ca²⁺ (4) All
72. Which of the following hormones does not act by a second messenger system? [NCERT XI Pg. 340]
 (1) Glucagon (2) Epinephrine
 (3) FSH (4) Testosterone
73. Which of the following hormones does not act by a second messenger system? [NCERT XI Pg. 340]
 (1) Glucagon (2) Epinephrine
 (3) LH (4) Aldosterone
74. Vasopressin, also called ADH, is synthesized by [NCERT XI Pg. 333]
 (1) Adenohypophysis (2) Hypothalamus
 (3) Neurohypophysis (4) Kidney
75. Which of the following is not the hormone of anterior pituitary? [NCERT XI Pg. 333]
 (1) Prolactin (2) Oxytocin
 (3) ACTH (4) Growth hormone
76. The ___i___ of ___ii___, which is also known as anterior pituitary produces ___iii___ and luteinizing hormones. [NCERT XI Pg. 333]
 (1) i-pars distalis; ii- adenohypophysis; iii-oxytocin
 (2) i-pars distalis; ii-adenohypophysis; iii-prolactin
 (3) i-pars intermedia; ii-neurohypophysis; iii-oxytocin
 (4) i-pars intermedia; ii-neurohypophysis; iii-prolactin
77. Which one of the following pairs of hormones 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) [NCERT XI Pg. 340]
 (1) Insulin, glucagon
 (2) Thyroxin, insulin
 (3) Somatostatin, oxytocin
 (4) Cortisol testosterone
78. Thyroxin act on every organ except – [NCERT XI Pg. 335]
 (1) Brain (2) Testes
 (3) Thyroid (4) All of the these
79. Which one of the following hormones also produces anti-inflammatory reactions in man and suppresses the immune response in addition to its primary functions? [NCERT XI Pg. 337]
 (1) Thyrocalcitonin (2) Cortisol
 (3) Erythropoietin (4) Thymosin
80. Which one of the following hormones is not involved in sugar metabolism? [NCERT XI Pg. 337]
 (1) Insulin (2) Glucagon
 (3) Cortisone (4) Aldosterone