



Choose the best answer from the given alternatives

1. Feedback mechanism is best described as the process that helps?
 - A. Keep body conditions near a normal steady state
 - B. Directly control muscle contraction in the leg
 - C. Destroy hormones in the blood
 - D. Reduce hormone level below normal
2. Which of the following is true about homoeothermic animal
 - A. Have variable body temperature
 - B. Include reptiles and fishes
 - C. Have high metabolic activity
 - D. Unable to control body temperature
3. Which parts of the nephrons involved in osmoregulation of salt and water under the influence of ADH?
 - A. Glomerulus and Bowman's Capsule
 - B. Second coiled tube and loop of Henle
 - C. Collecting duct and second coiled tube
 - D. First coiled tube and loop of Henle
4. It is estimated that the concentration of urea in urine is 60 times more than in the blood. This increase in concentration results because
 - A. Some urea could be produced in the kidney nephrons
 - B. The volume of water is decreased in urine.
 - C. Much of the urea is reabsorbed into the blood.
 - D. Much of the mineral ions in the blood are removed.
5. What does high level of ADH hormone in the blood indicates?
 - A. Blood water level greater than salt level
 - B. Water should be removed from blood via urine
 - C. Blood salt level greater than blood water level
 - D. Water and salt level is balanced
6. How hormone able to find target cell?
 - A. The gland and the cell are located each other
 - B. The hormone are taken to the cell by carrier molecules
 - C. The hormones and the cells are made up of identical molecules
 - D. The cell contain receptor cells specific to the hormone
7. An increase in the level of insulin in the blood would directly result in. An increase in
 - A. the formation of glucose from fat
 - B. the level of carbohydrate in blood.
 - C. cells to take up glucose for reparation.
 - D. conversion of glycogen into glucose.
8. Which of the following hormone triggers ovulation on about day 14 of the menstrual cycle?
 - A. Progesterone
 - B. Estrogen
 - C. Follicle stimulating hormone
 - D. Luteinizing hormone
9. Which of the following is the function of thyroxin hormone in human body?
 - A. Controls the rate metabolism of cell
 - B. Control the calcium ion in the blood
 - C. Control blood glucose concentration
 - D. Involved in carbohydrate metabolism
10. Which of the following happen, when there is no pregnancy after ovulation?
 - A. Follicle is formed in the ovary
 - B. Estrogen level increase
 - C. Progesterone level decrease
 - D. The egg is released from ovary
11. The pituitary hormone that stimulates the male testes to produce sperm and female ovary to produce egg in menstrual cycle
 - A. GH
 - B. TSH
 - C. FSH
 - D. LH
12. In person the tubule part of the nephron is not functioning at all. What will its effect be on urine formation?
 - A. Urine will not be formed
 - B. Urine is more concentrated
 - C. Urine is more diluted
 - D. Quality & quantity of urine is unaffected