

INDIAN SCHOOL NIZWA
CLASS : X BIOLOGY – CH -6 REVISION WORKSHEET

- 1. Which of the following control and regulate the life process?**
 - A. Reproductive and endocrine systems
 - B. Respiratory and nervous systems
 - C. Endocrine and digestive systems
 - D. Nervous and endocrine systems
- 2. If cerebellum of man gets damaged, his movement become_____**
 - A. Shaky & speech become defective
 - B. Unbalanced, walk uncontrolled, defective speech & intention tremor
 - C. Jerky & defective speech
 - D. Jerky & walked uncontrolled
- 3. In case of an emergency which structure becomes very active:**
 - A. adrenal medulla
 - B. adrenal cortex
 - C. thyroid gland
 - D. pancreas
- 4. Which nerves transmit impulses from the central nervous system towards muscle cells?**
 - A. Sensory nerves
 - B. Motor nerves
 - C. Relay nerves
 - D. Cranial nerves
- 5. A microscopic gap between a pair of adjacent neurons over which nerve impulses pass is called**
 - A. neurotransmitter
 - B. dendrites
 - C. axon
 - D. synapse
- 6. Which Plant hormone promotes dormancy in seeds and buds?**
 - A. Auxin
 - B. Gibberellin
 - C. Cytokinin
 - D. Absciscic Acid
- 7. Medulla Oblongata is**
 - A. A part of the forebrain
 - B. A part of the midbrain
 - C. A part of the hindbrain
 - D. Last part of the hindbrain
- 8. The main function of abscisic acid in plants is to**
 - A. Increase the length of the cells
 - B. Promote cell division
 - C. Inhibit Growth
 - D. Promote growth of stem
 1. What is meant by tropic movements and nastic movements? Give one example of each type. Write one example each of the following tropic movements :
 - (i) Positive phototropism
 - (ii) Negative phototropism

- (iii) Positive geotropism (iv) Negative geotropism
 - (v) Hydrotropism (vi) Chemotropism
2. What causes a tendril to encircle or coil around the object in contact with it is? Explain the process involved.
 3. What are plant hormones? Name the plant hormones responsible for the following
 - (i) Growth of stem (ii) Promotion of cell division (iii) Inhibition of growth
 - (iv) Elongation of cells
 4. Define reflex arc. Draw a flow chart showing the sequence of events which occur during sneezing.
5. State the function of thyroxine in human body. It is advised to use iodised salt. Give reason.
 6. a) An old man is advised by his doctor to take less sugar in his diet. Name the disease from which the man is suffering. Mention the hormone due to imbalance of which he is suffering from this disease. Mention the role played by this hormone. Which endocrine gland secretes this hormone?
 (b) Name the endocrine gland which secretes growth hormone. What will be the effect of the following on a person (i) deficiency of growth hormone (ii) excess secretion of growth hormone?
 7. List in tabular form three differences between nervous control and chemical control.
 8. Define reflex action . Draw a flow chart showing the sequence of events which occur when touching a hot object. Draw diagram
 9. List the sequence of events that occur when a plant is exposed to unidirectional light, leading to bending of a growing shoot. Also name the hormone and the type of movement.
 10. Why is it advised to use iodised salt in our diet ?
 11. What is synapse ? In a neuron cell how is an electrical impulse created and what is the role of synapse in this context ?
 12. (i) Name the hormones that are released in human males and females when they reach puberty.
 (ii) Name a gland associated with brain. Which problem is caused due to the deficiency of the hormone released by this gland ?
 - iii) State the function and location of: (a) gustatory receptors, and (b) olfactory receptors
 13. (a) Explain any three directional movements in plants.
 (b) How brain and spinal cord are protected in human ?
 (c) Name the master gland present in the brain.
 - 14.. Name four different types of plant hormones. State the functions of plant hormones
 15. (a) How is brain protected from injury and shock?
 (b) Name two main parts of hind brain and state the functions of each.
 16. Name any three endocrine glands in human body and briefly write the function of each of them.