



INDIAN SCHOOL NIZWA - WORKSHEET

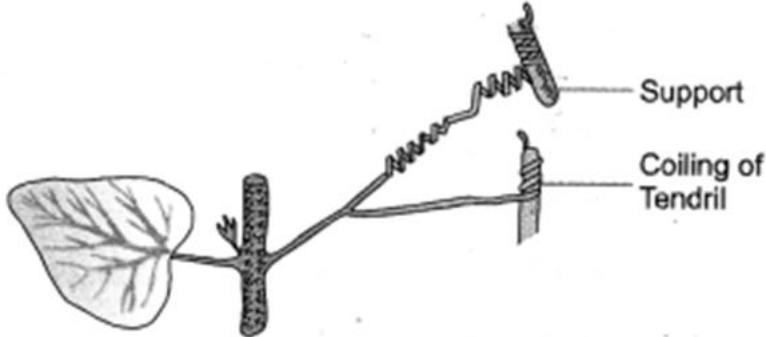
BIOLOGY

CH:7- Control and Coordination

Name: _____

Date: _____

Class: X Sec: ____

1.	The movement of a plant part in response to the force of attraction exerted by the earth is called: (a) Hydrotropism (b) Geotropism (c) Chemotropism (d) Phototropism
2.	Which of the following gland is unpaired? (a) Adrenal (b) Testis (c) Pituitary (d) Ovary
3.	In a neuron, conversion of electrical signal to a chemical signal occurs at/in (a) cell body (b) axonal end (c) dendritic end (d) axon
4.	Assertion (A): Activities like walking in a straight line, riding a bicycle, picking up a pencil are controlled by cerebellum. Reason (R): It is responsible for precision of voluntary actions and maintaining the posture and balance.
5.	a. What type of plant movement is seen in the following diagram  b. How do auxins promote the growth of a tendril around a support? Describe in brief
6.	Name the hormone which regulates Carbohydrate, protein and fat metabolism in our body. Which gland secretes this hormone? Why is it important for us to have iodised salt in our diet?
7.	What is positive Feedback mechanism of hormone regulation? Take the example of insulin to explain this phenomenon.
8.	A squirrel is in a scary situation. Its body has to prepare for either fighting or running away. State the immediate changes that take place in its body so that the squirrel is able to either fight or run?
9.	Smita's father has been advised by a doctor to reduce his sugar intake. a. Name the disease he is suffering from and name the hormone whose deficiency causes it? b. Identify the gland that secretes it and mention the function of this hormone.



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	c. Explain how the time and amount of secretion of this hormone is regulated in human body.
10.	Define geotropism. Draw a labelled diagram of a plant showing geotropic movement of its parts.
11.	(a) How is brain protected from injury and shock? (b) Name two main parts of hind brain and state the functions of each.
12.	What is a reflex action? Describe the steps involved in a reflex action. Draw a neat labelled diagram of a reflex arc.