

3. What constitutes the central and peripheral nervous systems? How are the components of central nervous system protected?
4. Why is flow of signals in a synapse from axonal end of one neuron to dendritic end of another neuron but not the reverse?
5. Explain giving reasons the bending of the shoot tip of a plant towards light source coming from one side of the plant
- 6-a) Plants do not have any nervous system but yet, if we touch a sensitive plant, some observable changes take place in its leaves. Explain how could this plant respond to the external stimuli and how it is communicated.
- b) Name the hormone that needs to be administered to
 - i) Increase the height of a dwarf plant
 - ii) cause rapid cell divisions in fruits and seeds