

4-11-21

# HOMEWORK

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1. Write any two importance of nervous system.

- Ans-\*
- \* Controls and harmonizes all voluntary muscular activities.
  - \* Regulates involuntary activities.

Q. What is the difference between nervous coordination and chemical coordination?

| Nervous coordination  | Chemical coordination   |
|---|---|
| * This coordination is brought about by the nervous system. | * This coordination is brought about through chemical messengers called hormones. |

\* Eg - If someone suddenly happens to come in front of a running car, the driver instantaneously applies the brakes. In this situation, in a fraction of a second, the eyes watch and the message goes to the brain, as well as an order is sent to the leg muscles to press the brakes.

\* ~~Q~~ Eg - In an emergency situation, if you are suddenly attacked by a bull in the street, you try to run away from it. In such a situation certain chemicals i.e hormones are released into the blood to provide you extra energy and strength to run.

3. Draw a labelled diagram of neuron.

