

Chapter: 15

Q.1 Solve the following questions.

(2)

A)

1) Find the odd one out

Types of cells.

Nerve cells, Alpha cells, Beta- cells, F- cells

2) State whether the statement is true or false:

Sensory neurons conduct impulses from sensory organs to the brain and the spinal cord.

B) Choose the correct alternative and rewrite the sentence

(1)

1) Whenever there is an increase in blood-glucose level, certain cells in the get stimulated and as a response, they release a greater quantity of insulin.

a. liver b. pancreas c. kidney d. nerves

Q.2 Give Scientific reason: (ANY 1)

A)

1) Some movements of plants are related with growth.

2) An excess of alcohol in the body causes one to lose control over itself.

Q.2 Solve the following questions. (Any two)

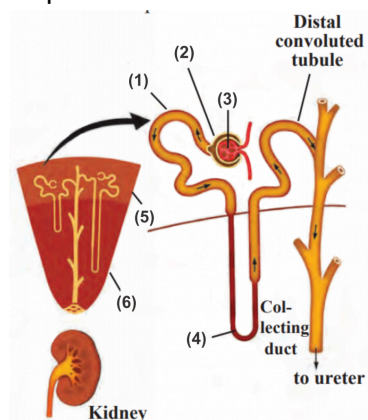
(4)

B)

1) Write short note:

Nerve cell

2) Nephron



3) Distinguish between

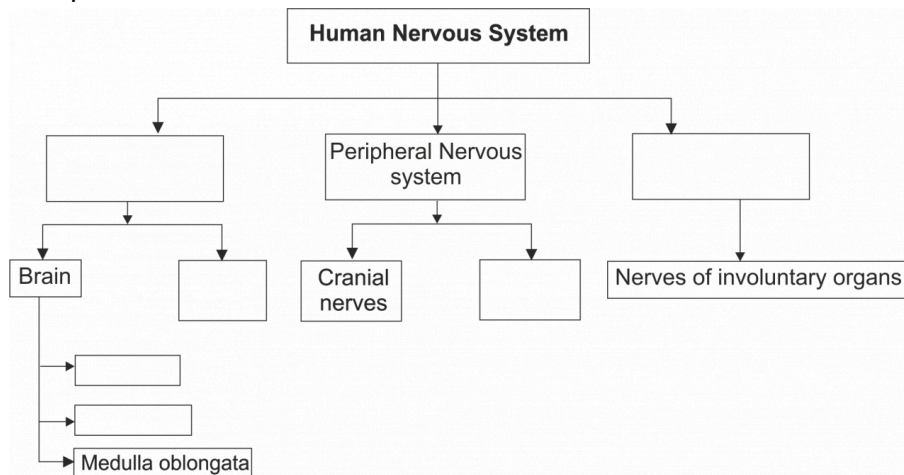
Excretion in Plants and Excretion in Animals.

Q.3 Solve the following questions. (Any two)

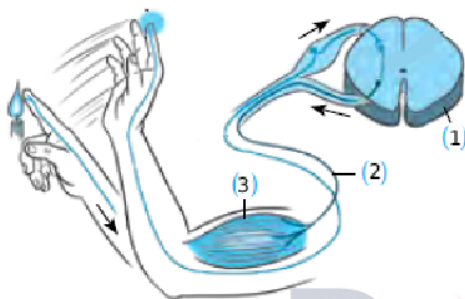
(6)

1) All parts of the plant are connected with conducting tissues.

2) Complete the chart.



3) Answer the following questions based on the given diagram



a. Which is the organ marked as 1?

b. At 2, which nerve is conducting the response impulse?

c. At 3, where has the impulse reached? What is its effect?

Q.4 Solve the following questions. (Any one)

(5)

1) Explain co-ordination in plants with the help of suitable examples.

2) Explain the process of conduction of impulse with the help of a labelled diagram of neuro-muscular junction.