
SSLC-FIRST BELL 2.0-BIOLOGY-CLASS-8-WORKSHEET

CHAPTER 1

SENSATION AND RESPONSES

1. Select the correct pair.
 - a) Sympathetic system - Production of saliva increases.
 - b) Sympathetic system – Pupil constricts
 - c) Parasympathetic system – Trachea constricts
 - d) Parasympathetic system - Production of hormone increases

2. Choose the correct answer from the alternatives given in the bracket.
Which of the following is a symptom of Alzheimer's disease?
(Tremor, Loss of memory, Loss of balance)

3. Complete the table.

Disease	Cause	Symptoms
a)	<ul style="list-style-type: none">• Accumulation of an insoluble protein in the neural tissues of the brain.• Neurons get destroyed	b)
c)	d)	<ul style="list-style-type: none">• Loss of body balance.• Irregular movement of muscles.• Shivering of the body.• Profuse salivation
Epilepsy	e)	f)

4. Find the odd one in the group. Write the common characteristic of the others.
Alzheimer's disease, Glaucoma, Epilepsy, Parkinson's disease

5. Complete the table

Organ	Sympathetic system	Parasympathetic system
Salivary gland	a)	Production of saliva increases
Liver	b)	c)
Heart	Heart increases	d)

6. Write the function of the parasympathetic system on each of the following organs.
 - a) Heart b) Eye c) Stomach d) Liver

 7. Notice the symptoms of a disease started below. Then answer the questions.
 - Loss of memory
 - Inability to do routine work.
 - a) Identify the disease.
 - b) What is the causes of the disease
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8. Given below are the symptoms of disease into two person X and Y.

X Loss of memory, unable to recognise even friends and relatives.

Y Loss of body balance, irregular movement f muscles, shivering of body

- a) Identify the disease of both X and Y.
b) Write the causes of Y's diseases.

9. The causes of two diseases affecting the nervous systems are given. Examine them and answer the questions

A	B
<ul style="list-style-type: none">• An insoluble protein accumulates in the neural tissues.	<ul style="list-style-type: none">• Destruction of specialised ganglions in the brain.• The production of the neurotransmitter called dopamine decreases

- a) Name the diseases indicated by the causes shown under A and B
b) Write two symptoms of each of them.

10. Which is the substance whose production increases by the stimulation of parasympathetic system?

11. Analyse the indicator and answer to the question.

- Reduction in the production of a particular neurotransmitter is the cause of this disorder. Which is the disorder?

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