**Review Worksheet: Diseases of the Nervous System**

**Name: ………………………………………………………..**

*Do these questions, using your learning resources. Look at the “marks” to give you an idea of the level of detail required in the response (formative only – does not count towards your grade). At the end, mark your work, correct it, and fill in the reflection section. Questions marked \* require you to use reasoning, inferring and application of knowledge, or perhaps extra research to get the answer. It won’t be right there in the text.*

1: Fill in the table below, giving details about the following diseases of the Nervous System:

(25 marks)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Disease** | **Cause** | **Symptoms** | **Prognosis (is it curable?)** | **Possible future treatment** |
| Huntington’s Disease |  |  |  |  |
| Parkinson’s Disease |  |  |  |  |
| Alzheimer’s Disease |  |  |  |  |

2: What is gene therapy?

(3 marks)

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

3: How does the gene therapy concept work?

(5 marks)

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

4: What is cell replacement therapy?

(3 marks)

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

5: How might cell replacement therapy work in future?

(4 marks)

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*……………………………………………………………………………………………………………………*



6: Discuss how Antidiuretic hormone (ADH) is produced and released, the effect it has on the kidneys, and how it is regulated.

(13 marks)

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

*…………………………………………………………………………………………………………………….*

*……………………………………………………………………………………………………………………*

*…………………………………………………………………………………………………………………..*

Go back and mark your work using the marking key provided. What score did you get? /53

*I included enough detail in my answers.*



*I was able to find information in the text/powerpoint presentation.*

*I was able to reason and infer where the information wasn’t directly in the text (questions with \*).*

*I marked my work and wrote down any answers where I missed marks.*