**Review Worksheet: Inquiry Skills**

**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: List the four ethical principles involved in conducting experiments involving human participants and briefly describe the meaning of each.

(10 marks)

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2: When using animals in research for human health, what four guidelines must be followed?

(4 marks)

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3: What things need to be considered in determining whether an experiment is valid?

(3 marks)

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4: What is a Control Sample in an experiment and why is it important? Give an example to explain your answer.

(5 marks)

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5: What is reliability in an experiment? Explain why it is important and what factors increase reliability.

(6 marks)

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6: What is the placebo effect?

(2 marks)

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7: How can the placebo effect be avoided?

(6 marks)

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8: Describe how the myelin sheath increases the speed of transmission of impulses along an axon.

(7 marks)

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Go back and mark your work using the marking key provided. What score did you get? /43

*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.*