Logic Assignment

Task: Complete the following tasks related to logic. Your assignments must be typed in **Times New Roman 12 point font**. Marks for each task are indicated in the brackets. [...].

Your logic portfolio must include:

1. Create one of each type of syllogism in both valid and invalid forms using nouns and real situations including **Categorical, Disjunctive, and Hypothetical** syllogisms (you will create **3 valid ones** and **3 invalid ones**). Provide Venn diagrams for the categorical syllogisms and symbolic notation for the disjunctive and hypothetical syllogisms. You can't steal ideas from the textbook, sorry. Nor can you steal ideas from the Internet. These syllogisms must be original. Marks will be earned for original examples only. [9]

2. For each type of informal fallacy listed in your textbook, create chart to come up with your own example or situation that accurately demonstrates each fallacy. **You must have an original example for all 16 fallacies.** Don't be rude or crude. Again, do not take ideas from the textbook. Also, do not simply take the examples from the textbook and change the wording. Marks will be earned for original examples only. [16]

3. You will create a one paragraph argument based on a topic of your choice. You will diagram the reasoning for the argument as well. Please include at **least two** of the logical structures (serial, linked, convergent, and/or divergent) in your argument. This must also be original. [18]

    Diagram Marking Scheme

The paragraph is free of the paragraph free of errors in spelling, punctuation, and grammar	___/5
The argument contains two or more of the logical structures	___/3
The logical structures are accurately represented	___/5
The premises lead to the conclusion(s) in a relevant and reasoned manner	___/5

Total: _____/43

NB: PLEASE HAND THIS SHEET IN WITH YOUR ASSIGNMENT