**GENERAL HUMAN BIOLOGY – YEAR 12**

**TASK 11 – ALLERGY & STI EXTENDED RESPONSE**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ WEIGHTING: 10%**

**MARK: \_\_\_\_\_\_\_\_ /55**

**Part One = \_\_\_\_\_\_\_\_/ 31**

**Part Two = \_\_\_\_\_\_\_\_/24**

**Part One**

**Activity One (24 Marks)**

Research the following points on allergies. You will need the information you have researched to respond to in-class assessed questions.

* Common food allergies and symptoms
* What is anaphylaxis and how is it treated
* Common food intolerances and symptoms
* Intolerance vs. allergy
* What causes people to have adverse reactions to food that is not considered an allergic reaction

**Activity Two (31 Marks)**

You have been invited to join the group *Pegasus On Leavers*. Part of your job is to help raise awareness on sexual health and risky behaviour amongst teenagers. To do this you are to create the information packages on a STI’s to be given out the to the 2018 Leavers group.

You will need to research the following points, on the STI assigned to you, to make you information package.

|  |  |
| --- | --- |
| **Points** | **Marks** |
| Name of STI |  |
| Type (bacterial/viral/fungal/parasitic) | (1) |
| How transmitted (is it only sexual or other ways?) | (3) |
| Cause | (3) |
| Short term effects | (2) |
| Long term effects | (2) |
| Cure or treatments | (3) |
| Social factors / effects leading to the contraction of the STI | (3) |
| Prevention | (2) |

Based on your research you will create an information package that can be presented as:

* PowerPoint
* Handbook
* Video
* Podcast
* Showbag
* Poster

As you create your information package keep these points in mind - You will receive marks for:

* Creativity
* Being on time and using time efficiently
* Using own words 🡪 NOT PLAGIRSED
* Accuracy of information

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**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ WEIGHTING: 10%**

**MARK: \_\_\_\_\_\_\_\_ /24**

**Part Two**

Using the knowledge you gained during your research on allergies, answer the questions below.



1. Five foods that are known to cause allergy in some individuals are:



**Questions**

1. Answer question a. in the infographic above [5 marks]
2. List five possible reactions to allergens? [5 marks]

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1. What is anaphylaxis? [1 mark]

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1. Sally is 5 years old and has just been to a birthday party. Sally is anaphylactic to peanuts. At the party, she sees brownies and eats one, however, she did not know that they were peanut butter brownies
   1. List two symptoms that Sally might experience after eating the peanut butter brownie? [2 marks]

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* 1. You are present at the party to pick up your younger brother, what device should you use to treat Sally? AND what is the name of the drug inside the device? [2 marks]

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* 1. What should have been told to the children or their parents prior to the children eating the party food? Give specific examples of what information should have been given to them. [3 marks]

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1. Explain the difference between a food allergy and a food intolerance? [2 marks]

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1. Food intolerances cause their own set of symptoms. State 4 common symptoms caused by a food intolerance? [2 marks}

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1. Discuss why milk and wheat (gluten) are not generally included as foods that can cause allergy? [2 marks]

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