

Year 11 Human Biological Sciences

Term 3 Holiday Homework 2017

Task 11 Weighting 4%

Extended Reponse

Assessment Date: Thursday Week 2 of Term 3, 2017.

Task: Over the term 2-3 break, you are to research and prepare the answers to the following questions. On Thursday of Week 2 of Term 3, you will be writing an extended response answer in class to **ONE OR TWO of the questions, without notes.**

Question #1: "Compare and contrast mitosis and meiosis".

To "compare and contrast" you should list the similarities and the differences.

Question #2: "Besides one producing males' sperm and the other producing females' eggs, compare and contrast spermatogenesis and oogenesis".

Question #3: "Describe the composition of semen in the ejaculate, including the function(s) of each component. Include a description of the composition of each component, as well as the source of each component and when each component is added to the semen, prior to ejaculation".

As mentioned, on Thursday of Term 3, Week 2 you will sit a **validation test** on ONE or TWO of the above questions in the form of (an) extended response(s) test, under test conditions, without notes.

The information to answer this question is very readily available on the Internet and your textbook (Chapter 14: New Body Cells and Chapter 15: Production of Sex Cells).

In addition, your teacher will be covering "Chapter 15: Production of Sex Cells" in the 1st week of Term 3 to clarify any questions you may have regarding the information you have researched in preparation for this assessment.