**YEAR 11 ATAR HUMAN BIOLOGY**

**TASK 4**

**EXTENDED RESPONSE 1: CARDIOVASCULAR AND RESPIRATORY DISEASES**

**PART 1: RESEARCH (50%):**

***SCIENCE AS A HUMAN ENDEAVOUR:***

*Lifestyle choices, including being active or sedentary, the use of drugs and type of diet, can compromise body functioning in the short term and may have long-term consequences.*

*Treatment of conditions due to system or organ dysfunction has changed through improvements in early diagnosis and appropriate use of drugs, physical therapy, radiation therapy, and removal and/or replacement of affected parts.*

Many Cardiovascular and Respiratory diseases are brought about by lifestyle choices and the environment in which we live. The diagnosis and treatment of these and other diseases has changed due to improvements in diagnostic instruments and treatment methods.

You are to research any **two** Cardiovascular Diseases and **two** Respiratory Diseases that are influenced by lifestyle choices and/or environmental factors. You are to discuss these diseases, making sure you include the following:

* Description [5]
* Signs and symptoms [5]
* Lifestyle choices which influence the disease and possible modifications needed to help prevent the disease [5]
* Short and long term effects on the body [5]
* Treatment methods [5]

**BIBLIOGRAPHY: [5]**

You will need to include a full Bibliography of all of your resources and it will need to be set out in the correct manner. Use the following website for guidelines as to how to write a Bibliography.

*http://www.sac.sa.edu.au/Library/Library/Bibliography/bibliography.htm*

**Total Marks Part 1: (4 × 25) + 5 = 105 = 50%**

**PART 2: VALIDATION TEST (50%)**

**In Class test based on your research.**

**DUE DATE: Research must be submitted via CONNECT by 11.30 pm Thursday 11th April, 2019. Validation Test will be done in class on Thursday 11th April, 2019. Late submissions will incur penalties as per *GSSHS Assessment Policy 2019.***