**HUMAN BIOLOGY YEAR 11 ATAR**

**EXTENDED RESPONSE 4: INFERTILITY**

**DUE DATE & VALIDATION TEST: THURSDAY 6th SEPTEMBER 2018**

Currently in Australia, 1 in 6 couples experience problems with fertility. In this assignment you are going to investigate the causes of infertility, as well as the reproductive technologies used to assist infertile couples achieve a successful pregnancy.

**PART 1:**

1. What is infertility? (2 marks)
2. How is infertility diagnosed:
   1. In women? (2 marks)
   2. In men? (2 marks)
3. **Describe** three (3) causes of infertility in women. (6 marks)
4. **Describe** three (3) causes of infertility in men. (6 marks)
5. **Describe** the following treatments for infertility:
   1. Artificial Insemination (AI) (3 marks)
   2. In Vitro Fertilisation (IVF) (4 marks)
   3. Gamete Intrafallopian Transfer (GIFT) (3 marks)
   4. Zygote Intrafallopian Transfer (ZIFT) (3 marks)
   5. Intracytoplasmic Sperm Injection (ICSI) (3 marks)
   6. Surrogacy (3 marks)

Include a **Bibliography** of all resources used. (3 marks)

**PART 2:**

You will complete an in-class validation test on the due date of the assignment. (10 marks)

**TOTAL MARKS: 50**