**Y11 Cycle 1 Week 3 Combined Science Homework: Extended writing questions (Higher)**

**Q1.**

The combined contraceptive pill contains the hormones oestrogen and progesterone.

(i)  State the endocrine gland that releases oestrogen.

**(1)**

 .............................................................................................................................................

(ii)  Explain how high levels of oestrogen and progesterone in the combined contraceptive pill work together to prevent pregnancy.

**(4)**

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

**(Total for question = 5 marks)**

**Q2.**

\* Explain how hormones control the menstrual cycle.

TIPS

Name all 4 hormones involved

State where each hormone is produced

Explain what effect each hormone has on specific parts of the menstrual cycle, including inhibition

**(6)**

.............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

.............................................................................................................................................

 .............................................................................................................................................

 .............................................................................................................................................

**(Total for question = 6 marks)**