EXTENDED NSWER Marking key

Define feedback (Response causes a change in the stimulus) (1)

Anterior (must have)pituitary gland produces Follicle stimulating hormone (must give full name first time it is mentioned (½)

FSH stimulates the growth of a follicle in the ovary (½)

Follicle produces estrogen (½)

Estrogen feeds back to the hypothalamus/pituitary (1)

To inhibit production of FSH (½)

And stimulate production of Luteinising hormone (½)

LH causes ovulation (½)

Corpus luteum produces progesterone (½)

Progesterone feeds back to hypothalamus/pituitary (1)

And inhibits production of FSH (½)

Corpus luteum degenerates and production of progesterone falls (½)

Feedback of progesterone ceases (1)

And so does FSH production to begin the cycle again (½)

So I have included 3 marks for feedback and one for definition. They can get a max of 5/8 if you add up all the other points. Check and see what you think.