

-0.5 for spelling errors.

# 11 HUMAN BIOLOGY HORMONAL REGULATION ASSESSMENT

MARK: /25

NAME: ANSWER KEY

TEACHER: \_\_\_\_\_

|      | Full name of hormone                 | Where it is secreted from                           | Function of hormone   |
|------|--------------------------------------|---|---|
| GnRH | Gonadotropin releasing hormone<br>/1 | <del>hypothalamus</del><br>hypothalamus<br>/1       | stimulates the synthesis & secretion of FSH and LH<br>/2  |
| FSH  | Follicle stimulating hormone<br>/1   | Pituitary gland<br>/1                               | production of sperm (1)<br>maturation of ovarian follicles (1)<br>/2  |
| HCG  | Human chorionic gonadotropin<br>/1   | placenta<br>/1                                      | Maintenance of corpus luteum during early stages of pregnancy<br>/2   |
|      | Oestrogen                            | ovarian follicle (0.5)<br>corpus luteum (0.5)<br>/1 | Development of female reproductive system (1)<br>Development of secondary sexual characteristics (1)<br>/2                    |
|      | Progesterone                         | Corpus luteum<br>/1                                 | Maintenance of endometrium (1)<br>development & maintenance of placenta (1)<br>development of milk secreting glands (1)<br>/2 |
|      | Testosterone                         | testis<br>/1  | Development of male reproductive system (1)<br>Development of secondary sexual characteristics (1)<br>/2                      |
| LH   | Luteinising hormone<br>/1            | pituitary gland<br>/1                               | stimulates secretion of testosterone (1)<br>stimulates secretion of oestrogen & progesterone (0.5) (1)<br>/2                  |