

**AQA, OCR, Edexcel**

# GCSE Science

## GCSE Biology

Hormones in Human  
Reproduction Answers

Name:

**M M E**

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Total Marks: /21

Q1: What is the female reproduction hormone?

A= Oestrogen

(1 mark)

Q2: Explain the main physical changes seen in puberty.

A= Accept any 4 of the following:

- Growth spurt
- Hair growth – Arm/ Pubic
- Skin Darkens
- Breasts develop
- External genitals grow

(4 marks)

Q3: Describe the menstrual cycle.

A= accept any 5 of the following:

- Monthly basis
- Mature egg released from ovaries/ Ovulation
- Uterus lining thickens
- Either fertilised or not
- If not pregnant lining is shed with egg
- Period

(5 marks)

Q4: What is the male hormone?

A= Testosterone

(1 mark)

Q5: Circle the hormones involved in the menstrual cycle.

FSH	LH	Adrenaline
Oestrogen	Testosterone	Insulin

A= FSH, LH, Oestrogen

(3 marks)

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Q6: Discuss the differences between ovum and sperm production.

A= 1 mark for each of the following:

Ovum

- Born with all
- One matures each month

Sperm

- Produced every 24-48 hours
- Many produced at once

(4 marks)

Q7: What is the role of the Luteinising Hormone (LH)?

A= accept 1 of the following:

- Mature egg from ovary
- Mature ovum

(1 mark)

Q8: When does a new menstrual cycle begin?

A= When the lining is lost from the body/shed

(1 mark)

Q9: What happens when a women no longer has a supply of eggs?

A= Menopause

(1 mark)