

Name Class Date

B11 Hormonal coordination – Aiming for Grade 6

Aims

The aim of this lesson is to help you revise the main topics in Chapter B11.

Learning outcomes

After completing this activity, you should be able to:

- State the names of some of the hormones and glands of the endocrine system.
- Describe some of the functions of the hormones of the endocrine system.
- Describe what happens during the menstrual cycle.
- Describe some uses of plant hormones.

Task

- Question 1** You will be completing a labelling exercise to label the major endocrine glands of the body with their hormones and completing a table of their functions.
- Question 2** You will be completing a data analysis task on the menstrual cycle.
- Question 3** You will be completing a mini mind map activity on uses of plant hormones.

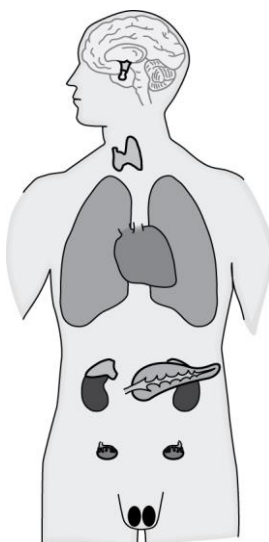
Name Class Date

Questions

1 The endocrine hormones

- a Label the diagram of the endocrine system with the names of the glands and the names of the hormones they produce.

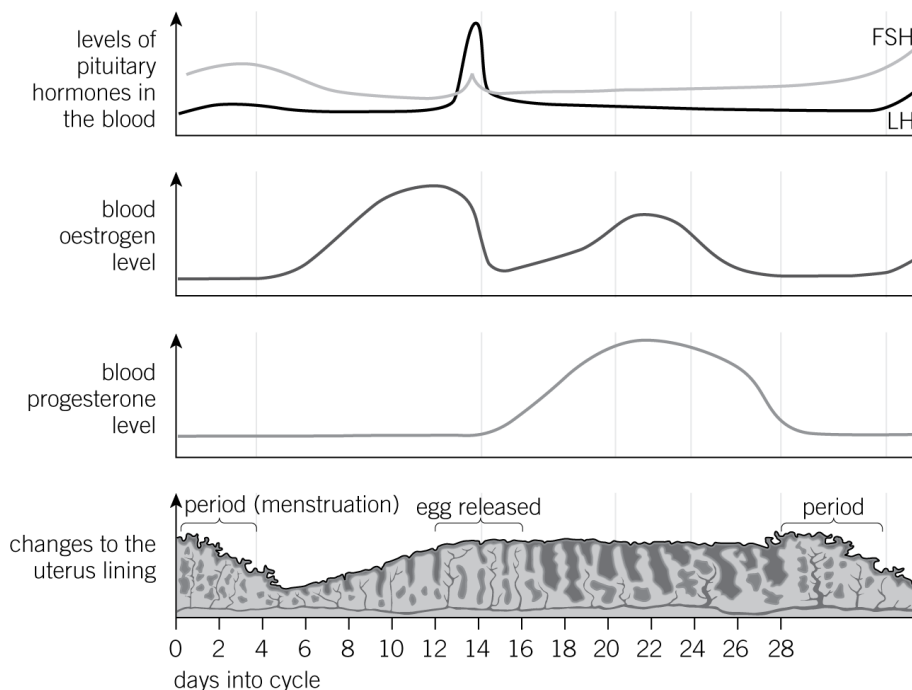
testosterone	pancreas	oestrogen	progesterone	adrenal
insulin	thyroxine	ovaries	LH	testes
adrenaline	glucagon	FSH	thyroid	pituitary



- b Create a table to show the function of the hormones listed above.

Name Class Date

2 The menstrual cycle



Look at the graphs above and use them to answer the following questions:

a Describe what happens during days 0–5 of the menstrual cycle to:

i the lining of the uterus

.....

ii progesterone concentration in the blood

.....

iii concentration of FSH

.....

b Describe what happens during days 5–12 of the menstrual cycle to:

i the lining of the uterus

.....

ii oestrogen concentration in the blood

.....

Name Class Date

c Describe what happens during day 14 of the menstrual cycle to:

i the egg

.....

ii LH concentration in the blood

.....

d Describe what happens during days 15–28 in the menstrual cycle to:

i the lining of the uterus

.....

ii progesterone concentration in the blood

.....

3 Plant hormones

Complete a mini mind map on the uses of the following plant hormones:
auxin, ethene, and gibberellins.