

Homeostasis			
1	Homeostasis	the regulation of the internal conditions of a cell or organism to maintain optimum conditions to function	
2	Optimum	best	
3	Examples of Homeostatic systems	water	blood sugar
		temperature (37°C)	

Nervous System	
4	Sequence of a nervous system response
5	Reflex arc
6	Stimulus
7	Receptor
8	Impulse
9	Neurone
10	Synapse
11	Effector
12	Central Nervous System

13 Required Practical: Ruler Drop (Reaction Time)	
A	Independent Variable:
B	Dependent Variable:
C	Control Variables:
D	Method: Ruler drop (reaction times)
	i) person A holds out their hand with a gap between thumb and forefinger
	ii) person B holds the ruler with the zero at the top of person A's thumb
	iii) person B drops the ruler without warning and person A catches it as fast as they can
	iv) record in a suitable table, repeat 5 times, and calculate a mean.
	v) repeat the above, changing the identified independent variable.

IVF Process	
42	i) FSH & LH given to stimulate eggs to mature ii) eggs and sperm collected. eggs fertilised in a lab iii) embryo inserted into mother's uterus

Hormonal Control	
14	Hormones
15	Target Organ
16	Glands
17	Pituitary Gland
18	Adrenal Glands
19	Adrenaline
20	Pancreas
21	Testes
22	Thyroid Gland
23	Thyroxine
24	Ovaries

Control of blood glucose	
25	Insulin
26	Glucagon
27	Glycogen
28	Negative Feedback
29	Diabetes Type 1
29a	Cause /treatment
30	Diabetes Type 2
30a	Risk Factors

Hormones in Reproduction	
34	FSH
35	Oestrogen
36	LH
37	Progesterone
38	Menstrual Cycle

Contraceptive types	
39	Contraceptive Pill
40	Implant / Injection / Skin patch
41	Condoms / IUD / Sterilisation