

- Frequently urinating
- Lethargy
- Irritable, confused and go into a coma

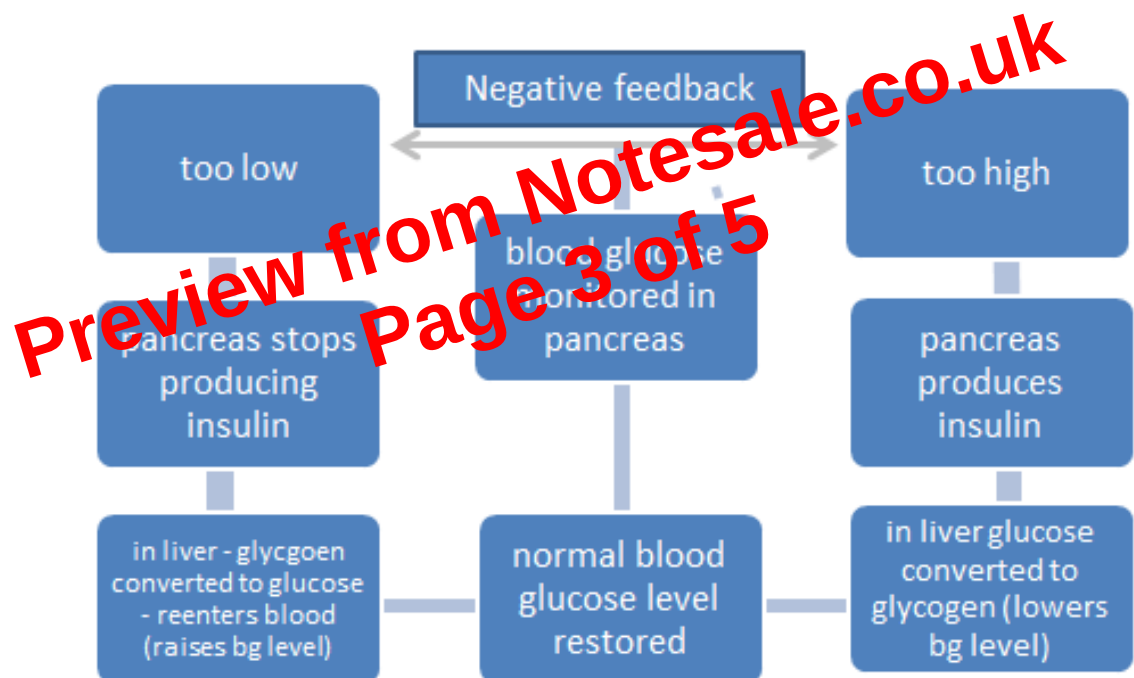
Long term effects

- Eye damage and possible blindness
- Heart disease
- Strokes
- Kidney failure

These complications are usually due to high blood sugar levels damaging the capillaries that supply the part of the body involved

Can be controlled by

- Diet low in carbohydrates
- Injecting with insulin (insulin is a protein and must be injected or it would be broken down by the protein enzyme in the stomach)



Hormonal system summary

- Consists of **glands** which secrete hormones
- Hormones are **chemical messengers** in the blood
- The **response is slower** and may last a few minutes of many years