1 **(a** Reproduction in humans is controlled by hormones.

FSH is an important hormone in reproduction.

(i) Write down the name of the gland that releases FSH.

..... **[1]**

(ii) FSH stimulates eggs to develop.

This causes the release of oestrogen.

High oestrogen levels then cause less FSH to be released.

Write down the name given to this type of control mechanism.

..... **[1]**

(b) Women naturally have different levels of FSH in their blood.

In vitro fertilisation (IVF) is a method used to treat infertility.

Clinics often measure the woman's FSH level before treatment.

The graph shows the natural FSH levels and results of IVF for women of different ages.



(i) A clinic wants to increase the percentage of women who become pregnant.

They decide to only offer certain women IVF treatment.

Use the graph to suggest how the clinic decides which women to treat.

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.....

..... **[2]**

(ii) There are other reasons why the clinic may **not** treat certain women.

Suggest **one** reason why.

.....

..... **[1]**

[Total: 5]