

Reproduction

Question Paper

Level	Pre U
Subject	Biology
Exam Board	Cambridge International Examinations
Topic	Animal physiology
Sub Topic	Reproduction
Booklet	Question Paper

Time Allowed: 48 minutes

Score: /40

Percentage: /100

Part - A

1 17β -oestradiol is the main oestrogen in humans.

Fig. 7.1 shows the concentration of 17β -oestradiol during the first half of the menstrual cycle.

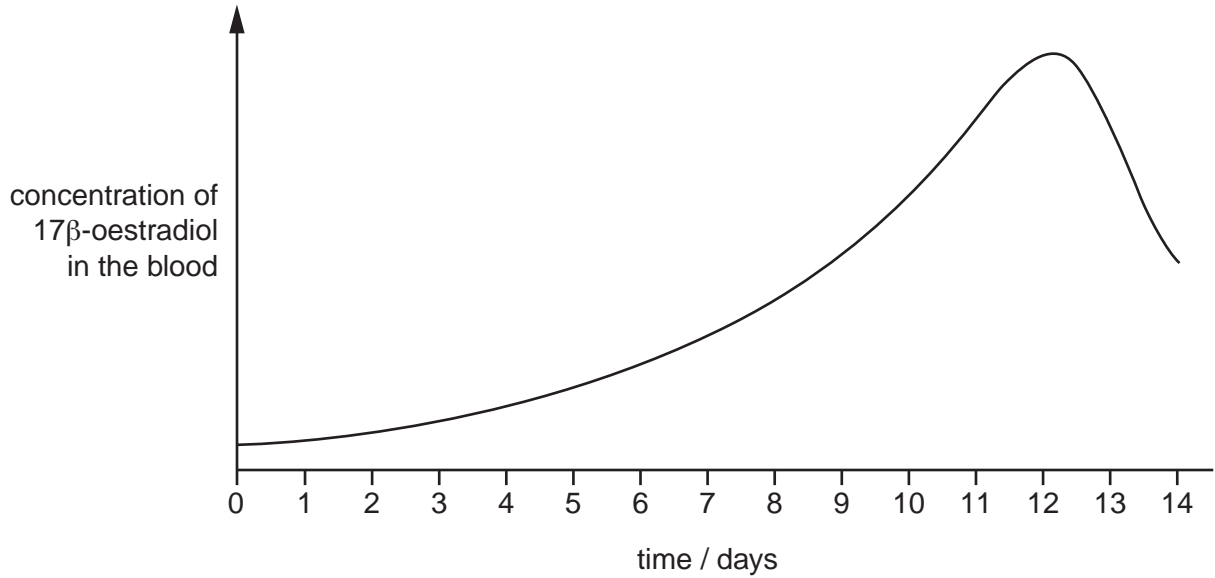


Fig. 7.1

(a) (i) Name a source of oestrogen, such as 17β -oestradiol, during the first part of the menstrual cycle.

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(ii) With reference to Fig. 7.1, describe the effects of oestrogen secretion on the uterus during the first half of the menstrual cycle.

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(b) The combined contraceptive pill contains oestrogens and progesterones.

Describe how these hormones act to prevent conception.

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(c) The drug clomiphene is used in infertility treatments for women.

Describe the mode of action of clomiphene.

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[Total: 10]

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