1.6 Methods of Birth Control and Sexually Transmitted Infections: 10-minute Pack

EDEXCEL 4BI1 · Calculator allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Describe the rhythm method (natural family planning) as a method of birth control, stating what the user must do and one limitation of the method in everyday use.

(Total for Question 1 is 2 marks)

2 Suggest two practical measures a health service could promote to improve correct condom use and so reduce both pregnancy and STI risk.

(Total for Question 2 is 2 marks)

3 State two reasons why a young person might be encouraged to use condoms even if they or their partner are using a hormonal method such as the pill or implant.

(Total for Question 3 is 2 marks)

4 Compare the condom and the diaphragm as barrier methods of contraception, stating one similarity and two differences, one in how they are used and one in how they protect against pregnancy or infection.

(Total for Question 4 is 3 marks)

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Mark scheme · 1.6 Methods of Birth Control and Sexually Transmitted Infections: 10-minute Pack

Question 1

description: avoid intercourse on the days of the menstrual cycle when the woman is likely to be fertile, determined by tracking cycle length or symptoms **B1**

limitation: unreliable because cycle length can vary, so there is a high chance of unintended pregnancy **B1**

Answer: Avoid intercourse on estimated fertile days by tracking the cycle; limitation is unreliability because cycle length varies

Question 2

measure 1: provide free or low-cost condoms widely so financial or access barriers are removed **B1**

measure 2: run demonstrations or education on correct condom use and storage to reduce user error **B1**

Answer: Provide free or low-cost condoms and run demonstrations or education on correct use and storage

Question 3

reason 1: condoms provide protection against STIs which hormonal methods do not **B1**

reason 2: condoms provide backup protection if the hormonal method fails or is not used correctly **B1**

Answer: Because condoms protect against STIs while hormonal methods do not, and as backup protection if the hormonal method fails or is used incorrectly

Question 4

similarity: both act as a physical barrier to stop sperm reaching the egg **B1**

difference: condom covers the penis and also reduces STI transmission, diaphragm covers the cervix and does not protect against STIs **B1**

difference in use: condom is used at the time of intercourse and removed afterwards, diaphragm must be inserted before intercourse and left in place for a specified time **B1**

Answer: Both block sperm physically; condoms cover the penis and also reduce STI transmission while diaphragms cover the cervix and do not protect against STIs; condoms are used and removed at intercourse, diaphragms are inserted beforehand and left in place afterwards

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