

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Life Sciences P1 (Version 1) (Full-time) 5 DBE/Feb.-Mar. 2013  
NSC - Memorandum

**SECTION B**

**QUESTION 2**

2.1 2.1.1 (a) deoxyribose/ sugar (1)  
(b) phosphate/ group (1)

2.1.2 (a) Guanine/ (1)  
(b) Guanine/ (1)

2.1.3 The formed complementary strand/ contains thymine/ not uracil  
Both strands of DNA molecule/ are being used as a template/ Any (1 x 2) (2)  
(6)

2.2 2.2.1 P/parent phenotype affected female x unaffected male/ genotype  $X^h X^h$  x  $X^H Y$

Meiosis  
G/gametes  $X^h$ ,  $X^h$  x  $X^H$ ,  $Y$

Fertilisation  
F<sub>1</sub>/offspring genotype  $X^H X^h$ ,  $X^h Y$ ,  $X^H X^h$  &  $X^h Y$   
phenotype 1 affected daughter, 1 affected son,  
1 unaffected daughter & 1 unaffected son

Parents and offspring/ (P<sub>1</sub> and F<sub>1</sub>)  
Meiosis and fertilisation/ (Any) (6)

**OR**

P/parent phenotype affected female x unaffected male/ genotype  $X^H X^h$  x  $X^h Y$

Meiosis  
Fertilisation

Gametes	$X^H$	$X^h$
$X^H$	$X^H X^H$	$X^H X^h$
$X^h$	$X^H X^h$	$X^h Y$

1 mark for correct gametes  
1 mark for correct genotypes

F<sub>1</sub>/offspring phenotype 1 affected daughter, 1 affected son,  
1 unaffected daughter & 1 unaffected son

Parents and offspring/ (P<sub>1</sub> and F<sub>1</sub>)  
Meiosis and fertilisation/ (Any) (6)

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