

1.2 List 5 examples of X-linked recessive disorders and briefly explain

(10 marks)

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2.

2.1. List 6 types of structural chromosomal abnormalities.

(6 marks)

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2.2. List 2 types of aneuploidies giving one example for each type. (4 marks)

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2.3 Describe 3 different chromosomal mechanisms that can cause Down syndrome. (10 marks)

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Part II – Essay Questions

1. Describe the structure and function of genes. In your answer include a section on gene expression. (60 marks)