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2002

**XVIII**

1583

Time allowed  
**30 Minutes**

**Score**

**/25**

**Percentage**

**%**

**Biology**

**AQA  
AS & A LEVEL**

**Topic Questions**

**3.8 The control of gene expression**

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## **Essay Using DNA in science and technology**

### **DNA and classification**

2.2 Structure of DNA

2.3 Differences in DNA lead to genetic diversity

2.9 Comparison of DNA base sequences

### **Genetic engineering and making useful substances**

2.5 Plasmids

5.8 The use of recombinant DNA to produce transformed organisms that benefit humans

### **Other uses of DNA**

2.5 Cell cycle and treatment of cancer

5.8 Gene therapy;

Medical diagnosis and the treatment of human disease;

The use of DNA probes to screen patients for clinically important genes.