

**AQA, OCR, Edexcel**

# GCSE Science

## GCSE Biology

### Inherited Disorders Questions

Name:

**M M E**

Mathsmadeeasy.co.uk

Total Marks: /18

Q1: What is an inherited disorder?

---

---

(1 mark)

Q2: What is polydactyl?

---

---

---

---

(2 marks)

Q3: Polydactyl is a heterozygous condition. What does this mean?

---

---

---

---

(2 marks)

Q4: Explain why parents can be carriers of the cystic fibrosis gene but not have the condition themselves.

---

---

---

---

---

---

---

---

(3 marks)

Q5: What does cystic fibrosis affect?

---

---

(1 marks)

Q6: i) Discuss the genotypes of the potential offspring from cystic fibrosis carrier parents using the genetic diagram below.

<b>Genotype</b>	<b>C</b>	<b>c</b>
<b>C</b>	CC	Cc
<b>c</b>	Cc	cc

---

---

---

---

---

(3 marks)

ii) What are the limitations of the genetic diagram above?

---

---

---

---

---

---

---

---

---

---

(5 marks)

Q7: How are scientists working to cure genetic diseases?

---

---

(1 mark)