

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Drug Discovery Questions

Name:

M M E

Mathsmadeeasy.co.uk

Total Marks: /22

Q1: Where were drugs traditionally extracted?

(1 mark)

Q2: Digitalis is a heart medication. What plant was the drug originally extracted from?

(1 mark)

Q3: What can a drug become if given in large quantities?

(1 mark)

Q4: Aspirin is a type of painkiller from what plant is the compound originally extracted from?

(1 mark)

Q5: Aspirin has been used to treat pain and inflammation since 400 BC. Explain why it is still a popular painkiller.

(2 marks)

Q6: Discuss how Alexander Fleming discovered penicillin.

(3 marks)

Q7: Why was the discovery of penicillin important?

(3 marks)

Q8: Explain why the production of synthetic forms of drugs are preferred to plant extracts.

(2 marks)

Q9: Discuss ways new drugs are being discovered.

(5 marks)

Q10: A new antibiotic has been discovered in soil and has shown great effectiveness. Why is this a promising antibiotic development?

(2 marks)

Q11: Why is antibiotic discovery using soil difficult?

(1 mark)