

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Plant Disease Response Questions

Name:

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Total Marks: /22

Q1: What type of barrier can plants use to defend themselves?

(2 marks)

Q2: i) Explain how the bark on trees is used to defend against invading pathogens.

(1 mark)

ii) Explain how leaf fall in deciduous trees is a form of plant defence.

(1 mark)

Q3: Draw a line from the barriers to indicate if they are physical or chemical.

A= 1 mark for each correct line

Antiseptics

Physical

Cellulose Wall

Antibacterial

Chemical

Tough Waxy
Cuticle

(4 marks)

Q4: How have humans made use of plants chemical barriers for there own use?

(1 mark)

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Q5: Why do plants need to protect against herbivores?

_____ (1 mark)

Q6: Give 3 examples of mechanical defences plants use to protect themselves against herbivores.

_____ (3 marks)

Q7: Explain what is meant by the term mimicry.

_____ (1 mark)

Q8: Give 2 examples of plants that use poison to defend against herbivores.

_____ (2 marks)

Q9: Discuss ways in which plants have similarities defences to humans to defend against pathogens.

_____ (6 marks)