

GCSE Biology B (Twenty First Century Science)
J257/03 Breadth in Biology (Higher)

Question Set 22

1 (a) Pathogens can cause diseases in plants.

Which **two** statements describe **plant** defences against pathogens?

Tick (✓) **two** boxes.

They have a cell wall.

They have platelets.

They have white blood cells.

They produce antibodies.

They produce antimicrobial substances.

[2]

(b) Plants produce hormones. These hormones have different roles.

Draw lines to connect the **plant hormone** to its **role**.

Plant hormone

Role

Auxin

Breaking seed dormancy

Ethene

Ripening of fruit

Gibberellin

Control and co-ordination of plant growth

(c) Humans also produce hormones.

[2]

Name the hormone that lowers the blood sugar level in **humans**.

[1]

Total Marks for Question Set 22: 5

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