

Homeostasis in humans Paper 1: 11 marks	Term 3	1 week
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CONTENT	ELABORATION
Introduction	□ Define <i>homeostasis</i> as the process of maintaining a constant, internal environment within narrow limits, despite changes that take place internally and externally. □ State that the conditions within cells depend on the conditions within the internal environment (tissue fluid). □ List the factors/conditions within the tissue fluid that should be kept constant, within narrow limits.
Homeostasis through negative feedback	□ Describe the control of the levels of the following through negative feedback: • Glucose • Carbon dioxide • Water • Salts
Temperature regulation	□ Identify the different parts of the skin involved in thermoregulation. □ Describe the role of each of the following in thermoregulation: • Sweating • Vasodilation • Vasoconstriction

Responding to the environment – plants Paper 1: 11 marks	Term 3	1 week
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CONTENT	ELABORATION
Plant hormones	□ List the functions of the following: • Auxins • Gibberellins • Absciscic acid □ Describe the control of weeds using plant hormones. □ Describe the role of auxins in: • Geotropism • Phototropism
Plant defence mechanisms	□ State how each of the following is used by plants as defence: • Chemicals • Thorns

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Joacim Rocklöv



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