

625points.com	2024
Short Questions (Section A)	Food
	The Scientific Method
	Human Nutrition
	Structure of Flowering Plants
	Structure of Flowering Plants/Plant Transport, Storage and Gas Exchange/Fermentation/DNA and RNA
	Homeostasis & Excretion/The Skeleton & Muscles/ Sexual Reproduction in Flowering Plants/Cell Division/ The Heart and Blood Vessels
	Genetic Engineering
Experiments (Section B)	DNA and RNA/ Describe how you isolated DNA from a named plant or named plant tissue
	Enzymes/ Describe the procedure you used to immobilise the enzyme or cell
	Sexual Reproduction in Flowering Plants/Explain how you investigated the action of digestive enzymes in germinating seeds using either starch agar or skimmed milk plates
Long Questions (Section C)	Sexual Reproduction in Flowering Plants
	Ecology
	Photosynthesis and Respiration
	Fungi/Bacteria/Viruses
	Variation and Evolution/Genetic Crosses
	Human Reproduction/Endocrine System/Plant Responses/Human Defence System
	Human Nutrition/Fungi/Cell Division/Homeostasis & Excretion

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2023	2022
Food	Food
Sexual Reproduction in Flowering Plants/The Scientific Method	Ecology
Skeleton & Muscles	Genetic Crosses
DNA and RNA	Cell Structure/Respiration
Bacteria	Food/Characteristics of Life/Osmosis/Human Defence System/Cell Diversity/Plant Responses/Fungi
Ecology/Sexual Reproduction in Flowering Plants/Homeostasis & Excretion/Viruses/Cell Division/The heart and Blood Vessels	Human Nutrition
Photosynthesis	Viruses
Ecology/Describe your study of an ecosystem	Cell Structure/Examining stained cells using a light microscope
Respiration/Prepare alcohol using yeast	Photosynthesis/Investigating the effect of light intensity or carbon dioxide concentration on the rate of photosynthesis.
Fungi/Growth of leaf yeast using agar plates/Dissecting a sheep's heart/Investigating the effect of IAA on plant tissue/Viewing a transverse section of a dicot stem with a light microscope	Plant Responses/Effect of IAA growth regulator on a plant tissue.
Ecology	Fungi/Bacteria/Enzymes
Respiration/Enzymes	Ecology
Genetic Crosses	DNA and RNA/Genetic Crosses
Plant Structure/Sexual Reproduction in Flowering Plants/Vegetative Propagation	Photosynthesis/Mitosis
Human Reproduction	Homeostasis and Excretion/Plant Transport
Osmosis/Genetic Engineering/Viruses/Fungi	Nervous System/The Senses/Skeleton & Muscles/Sexual Reproduction in Flowering Plants
Endocrine System/Nervous System/Human Breathing/The Heart and Blood Vessels/Plant Structure	Variation and Evolution/Human Reproduction/Sexual Reproduction in Flowering Plants/The Heart and Blood Vessels

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2021	2020
Food	Food
Ecology	Scientific Method
Cell Division	Cell Division/Respiration/DNA and RNA/Cell Structure/Variation and Evolution
Enzymes	DNA and RNA
Human Reproduction	Skeleton & Muscles/The Senses
Endocrine System/Ecology/Nervous System/Plant Transport, Storage and Gas Exchange/Cell Diversity/Skeleton & Muscles/Plant Storage	Nervous System
Skeleton & Muscles/ Sexual Reproduction in Flowering Plants	
The Scientific Method/Food Tests/Isolating DNA from a plant tissue	Immobilised Enzymes
Enzymes/Heat Denaturation of an enzyme/Enzyme Activity and Temperature	Sexual Reproduction in Flowering Plants/Seed Germination
Fungi/Growth of leaf yeasts	The Heart and Blood Vessels/Dissecting a sheep's heart
Ecology	Ecology
DNA and RNA/Genetic Crosses/Variation and Evolution	Photosynthesis and Respiration
Respiration/Photosynthesis	DNA and RNA/Genetic Crosses
Human Nutrition/Plant Transport, Storage and Gas Exchange	Homeostasis & Excretion
Homeostasis & Excretion/Sexual Reproduction in Flowering Plants	Human Reproduction/Sexual Reproduction in Flowering Plants/Bacteria
Homeostasis & Excretion/Human Reproduction/Human Defence System/Viruses/Human Breathing	Plant Responses/Viruses/Plant Transport, Storage and Gas Exchange
Fungi/Amoeba/Nervous System/Cell Structure	

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2019
Food
Scientific Method
Characteristics of Life/Cell Diversity
Cell Division
Blood
Human Breathing
Food test/Cheek cells/Isolating DNA from a plant tissue/effect of IAA on plant tissue/investigating osmosis
Respiration/Prepare alcohol using yeast
Examination of transverse section of dicotyledonous stem
Ecology
DNA and RNA/Genetic Crosses
Respiration/Enzymes/Photosynthesis
Human Reproduction
Nervous System/Breathing System/Endocrine System/Skeleton & Muscles/Enzymes/Bacteria/Plant Responses/Human Defence System/Heart and Blood Vessels
Fungi/Human Nutrition/Sexual Reproduction in Flowering Plants

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