

B9.4 Biodiversity

	Question	Answer
10	In terms of organisms, define <i>abundance</i> .	The number of organisms in a given area
11	In terms of organisms, define <i>distribution</i> .	The way organisms are spread out in an area
12	Define <i>abiotic factors</i> .	Non-living parts of the ecosystem that can affect organisms in an area
13	Give two examples of abiotic factors.	Temperature, water availability, light intensity
14	Define <i>biotic factors</i> .	Living parts of the ecosystem that can affect organisms in an area
15	Give two examples of biotic factors.	Availability of food, predators, pathogens
16	In terms of abundance and distribution of organisms, name three sampling techniques.	Quadrats, pitfall traps, pooters
17	What types of organism is a pooter used to sample?	Small insects
18	What types of organism is a quadrat used to sample?	Plants or slow-moving animals
19	What types of organism is a pitfall trap used to sample?	Small ground-dwelling organisms
20	Define <i>biological key</i> .	A tool used to identify different species based on their physical characteristics