

Sangam SKM College- Nadi

Year 11

Biology

Worksheet 4

Questions

1. Match the terms with their correct descriptions by writing the letters beside the names.

atom	A	Atoms that are chemically bonded together
cell	B	A body part made of tissues that together perform a similar function
organ	C	All of the populations of living things in an area
population	D	The smallest unit of an element; made of protons, neutrons and electrons
Organ system	E	The basic organizational unit of all living things
biome	F	Organs that work together for a common purpose
molecule	G	A well defined structure within a cell that performs a specific function
tissue	H	A group of interbreeding organisms living in the same area
Organism	I	An individual living thing capable of reproduction
Cellular organelle	J	A grouping of similar cells with a specific function
biosphere	K	A community and all of the physical characteristics of its environment; all of the living and nonliving things in an area
community	L	All of the ecosystems with similar climates
ecosystem	M	All of the living things present on, above or in the earth

2. Microscopes are important instruments found in Science Labs which are used to magnify objects

- a) State two rules for the correct use and handling of microscopes.
- b) List four steps used to view a slide under the microscope at high power?
- c) What does resolution mean in microscopy?
- d) Given below is a diagram, complete the diagram showing resolution.

Letter 'e' on a piece of paper	Letter 'e' as seen under the microscope.
	