EDE FAVOUR CHINYERE

19/MHS01/141

BIO 102

ANSWER

1a) Some fungi attack insects and therefore can be used as natural pesticides.

b) Yeast which is an example of fungi is used in the production of wine, beer, and bread.

c) Fungi are also versatile tools in the vast field of medical research.

d) Fungi are directly used as produce substances that human use as medicine.

2) WELL LABELLED DIAGRAM OF THE CELL STRUCTURE OF A UNICELLULAR FUNGUS

Mitochondria

Vacuole

Nucleus

Cytoplasm

Lipid granule

3a) Eustele: The typical vascular cylinder of a dicotyledonous plant consisting of a ring of collateral bundles consisting of xylem and phloem.

b) Atactostele: A type of eustele found in monocots in which the vascular tissue int the stem exists as scattered bundles.

c) Siphonostele: A stele consisting of a core of pith surrounded by concentric layers of xylem and phloem.

d) Dityostele: A stele in which the vascular cylinder is broken up into a longitudinal series or network of vascular strands around a central pith

4) Sorus----Gametophyte----Antheridium(sperm)----Embryo----Adult gematophyte