

Answer ALL questions.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

1 Animal cells are eukaryotic.

(a) Name **three** structures that are present in prokaryotic cells but absent in animal cells. (3)

- 1
- 2
- 3

(b) Eukaryotic cells contain membrane-bound organelles.

The table below lists some organelles and the types of membrane associated with them.

Place a cross (☒) in the box that correctly relates to the type of membrane associated with each organelle.

(4)

Organelle	Single membrane	Double membrane
nucleus	☒	☒
Golgi apparatus	☒	☒
mitochondrion	☒	☒
lysosome	☒	☒

(Total for Question 1 = 7 marks)

