

(ii) Which labelled structure enables this cell to adhere to other bacterial cells in conjugation?

(1)

A V

B X

C Y

D Z

(iii) State how ribosomes in prokaryotic cells are different from those in eukaryotic cells.

(1)

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(b) Prokaryotic cells may also have a capsule and a flagellum.

State **one** function of each of these structures.

(2)

Capsule

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Flagellum

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(Total for Question 1 = 5 marks)