(a) (i) The unspecialised cell is diploid.

State the types of division occurring at step A and step B.

(2)

step A .....

step B .....

(ii) Which part of the sperm cell contains enzymes that are released to break down the zona pellucida?

(1)

☒ **A** W

☒ **B** X

☒ **C** Y

☒ **D** Z

(b) A sperm cell is a specialised cell.

Explain what happens at step D for the cell to become a specialised sperm cell.

(5)

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