

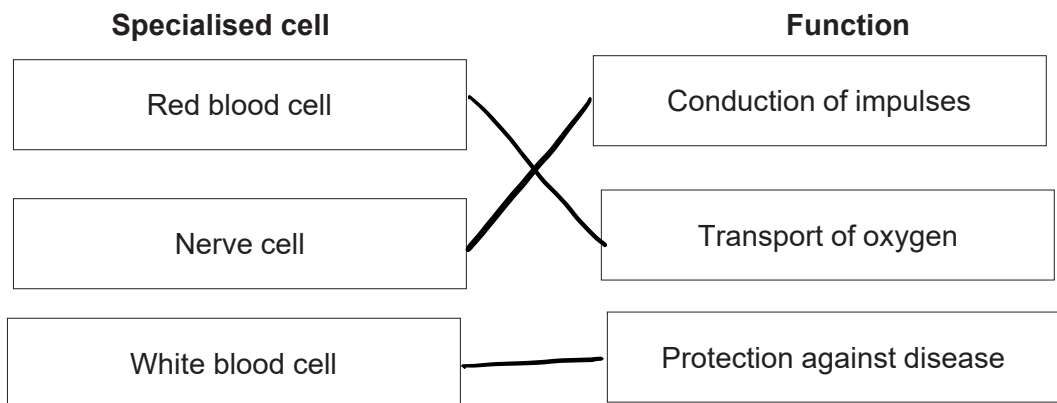
**GCSE Biology B (Twenty First Century Science)**  
**J257/01** Breadth in Biology (Foundation)

**Question Set 21**

Multiple Choice Questions

1. (a) The human body has many specialised cells. Each specialised cell has a certain function.

Draw lines to connect each **specialised cell** with its **function**.



[2]

- (b) When do cells in embryos start to become specialised?

Tick (✓) **one** box.

- When the egg is fertilised
- Before the eight-cell stage
- After the eight-cell stage

[1]

- (c) Cells contain many organelles.

Complete the sentences about organelles and their functions.

Use words from the list.

You can use each word once, more than once, or not at all.

**chloroplast    mitochondrion    nucleus    plasmid**

Aerobic respiration takes place in the ..... *mitochondrion* .....

Photosynthesis takes place in the ..... *chloroplast* .....

[2]

**Total Marks for Question Set 21: 5**

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