

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**.

Specialised cell	Function
Red blood cell	Conduction of impulses
Nerve cell	Transport of oxygen
White blood cell	Protection against disease

[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

Photosynthesis takes place in the

[2]

Total Marks for Question Set 21: 5

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