

# Multiple Choice Test 2 - Cell Biology - OPTIONAL FOR REVISION

Quiz set by Mrs. L. OLIVER for Year 11/11S/Sc4

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1) What is the role of the cytoplasm?

- Where most chemical reactions take place
- Made of cellulose to strengthen the cell
- Controls the passage of substances into and out of the cell
- Controls the activities of the cell

2) Which of the following do you find in all prokaryotic and eukaryotic cells?

- Cytoplasm and Cell membrane
- Chloroplast and cell wall
- Cytoplasm and cell wall
- Cell membrane and cell wall

3) How is a large surface area beneficial for cells?

- It speeds up the rate of absorption
- It provides energy to the cell
- It protects the cell
- It strengthens the cell

4) What is a cell called that has 2 versions of chromosomes - one from each parent?

- diploid
- haploid
- seploid
- biploid

5) How many pairs of chromosomes does a human have?

- 23
- 46
- 2
- 20

6) Why do cells need to divide?

- Growth and repair of cells
- To allow for cell specialisation
- For variation in cells
- To maintain a concentration gradient

7) How can we describe the movement of substances in active transport?

- Low to high concentration
- High to low concentration
- Down a concentration gradient
- Passively transported

8) Which of the following does not use active transport?

- Movement of gases through a leaf
- Movement of mineral ions from the soil into the roots
- Movement of glucose from the gut to the blood
- Movement of glucose from the kidneys into the blood

9) Which of the following processes requires energy?

- Active Transport
- Diffusion
- Osmosis
- Passive transport

10) What is the name of a cell produced by mitosis called?

- Daughter cell

- Parent cell
- Double cell
- matching cell



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