



Multiple Choice Test 2 - Cell Biology - OPTIONAL FOR REVISION

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

1) What is the role of the cytoplasm?

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

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

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

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

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

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

- haploid
- biploid
- diploid
- seploid

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

- 46
- 20
- 23
- 2

6) Why do cells need to divide?

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

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

9) Which of the following processes requires energy?

- Active Transport
- Passive transport
- Diffusion
- Osmosis

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

- Daughter cell
- matching cell
- Double cell
- Parent cell



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