



Multiple choice test 7 - Cells, Organisation and Infection

Quiz set by Mrs. L. OLIVER for Year 10/10Y/Sc2

1) Where are stomata more commonly found?

- On the underside of the leaf
- On the top of the leaf
- In the stem
- In a palisade cell

2) Which of the following is not a plant organ

- leaf
- root
- xylem
- stem

3) What happens to an enzyme reaction at 80 degrees?

- It stops because the enzyme has changed shape
- It stops because the enzyme is denatured
- It stops because the enzyme has died
- It speeds up the reaction

4) Which of the following does not produce an enzyme?

- stomach
- Pancreas
- small intestine
- Liver

5) Which reagent is used to test for fat?

- Biuret
- Benedicts solution
- Iodine
- Sudan III

6) Which of the following describes the movement of water into a root hair cell

- Active Transport - from low to high concentration
- Osmosis - from low to high concentration
- Osmosis - from high to low concentration
- Active Transport - from high to low concentration

7) What is the role of mitochondria?

- It is used in the production of proteins in eukaryotic cells
- It is the site of energy release in a eukaryotic cell
- It is the site of energy release in a prokaryotic cell
- It is used in the production of proteins in prokaryotic cells

8) What is formed during mitosis?

- 4 non-identical daughter cells
- 2 non-identical daughter cells
- 4 identical daughter cells
- 2 identical daughter cells

9) Which of the following is not a specialised cell in a plant?

- ciliated epithelial
- xylem
- root hair
- phloem

10) What are small rings of DNA called?

- capsules
- flagella
- nucleus
- plasmids

11) Which of the following is not a method of disease transmission?

- direct contact
- water
- air
- vaccination

12) Which the following is not a pathogen

- fungi
- mosquito
- virus
- protist

13) What makes us feel ill with a bacterial infection?

- It entering our cells and causing cell damage
- The antigen on the bacteria
- The toxins produced by the bacteria
- The antibodies produced by the bacteria

14) Which of the following is an example of a bacterial infection?

- Influenza
- Cholera
- HIV
- Chicken Pox

15) Which of the following is not a communicable disease?

- tuberculosis
- hepatitis
- HIV
- diabetes



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