

Multiple choice test 7 - Cells, Organisation and Infection

Quiz set by Mrs. L. OLIVER for Year 11/11S/Sc5

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

- xylem
- root
- stem
- leaf

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

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

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

- Liver
- Pancreas
- stomach
- small intestine

5) Which reagent is used to test for fat?

- Sudan III
- Iodine
- Benedicts solution
- Biuret

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

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

7) What is the role of mitochondria?

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

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

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

- ciliated epithelial
- xylem
- phloem
- root hair

10) What are small rings of DNA called?

- plasmids
- nucleus
- flagella

- capsules

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

- vaccination
- water
- direct contact
- air

12) Which the following is not a pathogen

- mosquito
- protist
- fungi
- virus

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

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

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

- Cholera
- Influenza
- Chicken Pox
- HIV

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

- diabetes
- tuberculosis
- hepatitis
- HIV



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