

# Multiple choice test 9 - Cells, Organisation and Infection

Quiz set by Mrs. L. OLIVER for Year 11/11S/Sc6

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1) Which of the following is not a job carried out by a white blood cell?

- antigen production
- phagocytosis
- antibody production
- antitoxin production

2) Which pathogen is treated by using antibiotics?

- Bacteria
- Protist
- Virus
- Fungi

3) What is the role of the stomata and guard cells?

- To control gas exchange and water loss
- To transport food from leaves to the rest of the plant
- To transport water and minerals from the roots to the leaves
- To take in water through osmosis

4) What is used to measure the rate transpiration?

- A potometer
- A photometer
- A potatometer
- portameter

5) Which of the following is not a plant tissue?

- leaf
- spongy mesophyll
- xylem
- phloem

6) Which of the following is a wire mesh used to keep coronary arteries open?

- Stents
- Statins
- Valves
- Artificial heart

7) Which of the following is not transported in the blood plasma?

- Oxygen
- Carbon Dioxide
- Glucose
- Hormones

8) Which of the following statements is true?

- Proteases break down proteins to amino acids
- Proteases break down proteins to sugar
- Proteases break down proteins to fatty acids
- Proteases break down proteins to glycerol

9) Which organ does not produce digestive enzymes?

- Liver
- Pancreas
- Stomach
- Small Intestine

10) Which of the following is not adapted for exchanging materials?

- Active site of an enzyme
- Gills in fish
- Roots and leaves in plants

- Small intestine and lungs in mammals

**11) During mitosis what is doubled and then divided into two identical cells?**

- The genetic material
- The cytoplasm
- The cell membrane
- The chloroplasts

**12) Which of the following is not an aseptic technique?**

- Incubating at 37C in a school laboratory
- Passing inoculating loops through a flame
- Using ethanol to clean contaminated equipment
- Sterilising the culture media before use.

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

- ciliated epithelium
- root hair cells
- phloem
- xylem

**14) Which of the following is not in a bacterial cell?**

- Nucleus
- Cell membrane
- Cytoplasm
- Cell wall

**15) What is injected during a vaccination?**

- Dead or inactive forms of the pathogen
- Living forms of the pathogen
- A synthetic form of the pathogen
- A high concentration of the active pathogen



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