

Quiz questions – Cells

1. What is a microscope?
 - A. A tiny piece of equipment
 - B. Something used to study small objects
 - C. A measuring tool
 - D. The machine used to take X-rays

B. Something used to study small objects
2. What were the tiny compartments that Robert Hooke saw in pieces of cork?
 - A. Cells
 - B. Cubes
 - C. Boxes
 - D. Particles

A. Cells
3. What does the lens on a microscope do?
 - A. Focus the image
 - B. Hold the slide
 - C. Change the amount of light passing through the microscope
 - D. Move the stage

A. Focus the image
4. Which of these things do both plant and animal cells have?
 - A. Cell wall
 - B. Chloroplasts
 - C. Cytoplasm
 - D. Vacuole

C. Cytoplasm
5. Which part of the cell controls the activities inside the cell?
 - A. Cytoplasm
 - B. Nucleus
 - C. Cell membrane
 - D. Cell wall

B. Nucleus

6. Which part of a plant cell contains chlorophyll?
- A. The nucleus
 - B. The cell membrane
 - C. The cytoplasm
 - D. The chloroplasts
- D. The chloroplasts
7. Cellulose is a strong substance found in all plant cells. Which part of a plant cell contains cellulose?
- A. The cell membrane
 - B. The cell wall
 - C. The chloroplasts
 - D. The vacuoles
- B. The cell wall
8. What is the function of the cell membrane?
- A. To control which substances move in and out of the cell
 - B. To help the cell to keep a firm shape
 - C. To make food for the cell
 - D. All of the above
- A. To control which substances move in and out of the cell
9. Specialised cells do very specific jobs. Which of these specialised cells carry oxygen in our blood ?
- A. Red blood cells
 - B. White blood cells
 - C. Platelets
 - D. Oxygen cells
- A. Red blood cells
10. Which cells carry information from a father to make new offspring?
- A. Egg cells
 - B. Reproduction cells
 - C. Sperm cells
 - D. Nerve cells
- C. Sperm cells

11. Which specialised cell does not have a nucleus?
- A. Sperm cell
 - B. Nerve cell
 - C. Egg cell
 - D. Red blood cell
- D. Red blood cell
12. What do we call a large group of similar cells?
- A. Tissue
 - B. Skin
 - C. Organ
 - D. Organ system
- A. Tissue
13. Which is the odd one out?
- A. Palisade cell
 - B. Root cell
 - C. Sperm cell
 - D. Nerve cell
- D. Sperm cell
14. Which of the following type of cell can be many centimetres in length?
- A. Sperm cell
 - B. Fertilized egg cell
 - C. Plant cell
 - D. Nerve cell
- D. Nerve cell
15. What do we call a group of different tissues are organised into larger structure?
- A. Bioaccumulation
 - B. An organ
 - C. Bio- organisation
 - D. Organ system
- B. An organ

16. Which is the odd one out?
- A. Heart
 - B. Brain
 - C. Leaf
 - D. Sperm
- D. Sperm
17. Which types of cell have a regular shape?
- A. Plant cells
 - B. Animal cells
 - C. Both animal and plant cells
 - D. Neither animal or plant cells
- A. Plant cells
18. What colour are chloroplasts?
- A. Yellow
 - B. Colourless
 - C. White
 - D. Green
- D. Green
19. Which of the following is not a life process common to all living things?
- A. Respiration
 - B. Movement
 - C. Hearing
 - D. Growth
- C. Hearing
20. The life process 'Growth' depends upon cells:
- A. Getting bigger and bigger
 - B. Getting bigger and dividing
 - C. Filling with water and swelling
 - D. None of these
- B. Getting bigger and dividing