

1. The specialized cell responsible for transport of oxygen around the body is
 - a. Muscle cell
 - b. Red blood cell
 - c. Sperm cell
 - d. White blood cell
2. All the following flowering plants have superior ovary **except**
 - A. Berries
 - B. Legumes.
 - C. Orchid
 - D. Pome
3. All the following plants possess fibrous roots **except.**
 - A. Cowpea
 - B. Maize
 - C. Millet
 - D. Rice
4. One characteristic feature of dicotyledonous plants is
 - A. Have herbaceous stem
 - B. Have woody stem
 - C. Leaves generally have leaf sheath.
 - D. Leaves have parallel venation
5. A typical compound Leaf has the following parts **except.**
 - A. Blade
 - B. Margin
 - C. Midrib
 - D. Scar

6. The characteristic feature of *Caesalpinia pulcherrima* includes all the following **except**
- A. The filament are shorter than the petals
 - B. The flower has ten long stamens
 - C. The flower has five petals with a yellow margin
 - D. The pistil project from the centre of the flower.
7. Which one of the following flowering plants is sensitive to external stimuli
- A. Hibiscus
 - B. Flamboyant
 - C. Mimosa
 - D. Tridax
8. Select the unisexual flower among the following
- A. Allamander
 - B. Flamboyant
 - C. Tomato
 - D. Watermelon
9. One of the following is **not** a whorl of a flower
- A. Calyx
 - B. Carpels
 - C. Corolla
 - D. Pedicel
10. What is the function of the stomata of a leaf
- A. It controls the exchange of gases in the leaf
 - B. It produces enough cuticle for the leaf
 - C. It protect the lamina of the leaf
 - D. It transport water and mineral salt through the leaf
11. Who discovered the cells of living organism?
- A. Louis Pasteur
 - B. Robert Brown
 - C. Robert Hooke
 - D. Robert Koch
12. A partially permeable membrane can be described as one through which:
- A. Any substance can pass
 - B. No substance can pass
 - C. Only certain substance can pass
 - D. Only water can pass
13. In which of the following structures is cellulose found?
- A. Chloroplast
 - B. Cell membrane
 - C. Cell wall
 - D. Mitochondria

14. All the following are organs **except**?
- A. Bone
 - B. Flower
 - C. Kidney
 - D. Platelet
15. Which of the following is the correct sequence of organization of cells in plants and animals?
- A. Cells → tissues → organs → organ systems
 - B. Cells → tissues → Organ system → Organs
 - C. Organs → tissues → cells → organ system
 - D. Tissues → organs → cells → Organ system
16. All the following are differences between plant and animal cells **except**
- A. Plant cell has cellulose cell wall whilst animal cell lacks cellulose cell wall
 - B. Plant cell has a definite shape whilst animal cell has no definite shape
 - C. Plant cell lacks chloroplast whilst animal cell has chloroplast
 - D. Plant cell lacks centrioles whilst animal cell has centrioles
17. Which of the following is **not** an example of cell inclusion?
- A. Golgi apparatus
 - B. Melanin
 - C. Lipid
 - D. Starch granule
18. The following systems corresponds with their functions **except**
- A. Digestive system breaks down complex food into soluble form
 - B. Excretory system removes faeces from the body
 - C. Reproductive system produces offspring
 - D. Respiratory system carries out exchange of gases
19. Which of the following organelles is referred to as the '*Suicide bag*'
- A. Lysosome
 - B. Mitochondrion
 - C. Nucleus
 - D. Vacuole
20. The androecium and the gynoecium are also referred to as Parts of the flowers.
- A. Essential
 - B. Homogamous
 - C. Non-essential
 - D. Syncarpous

