

MULTIPLE CHOICE

Choose the correct answer from the following choices:

1. In most plants, food is transported in the form of;

Glucose
Sucrose
Starch
Proteins

2. Stomata close when guard cells;

Lose water
Gain chloride ions
Become turgid
Gain potassium ions

3. Trace the pathway of water from soil through the plant to atmosphere:

Endodermis, cortex, epidermis, xylem, intercellular spaces
in mesophyll, stomata
Epidermis, endodermis, phloem, cortex of leaf, intercellular
spaces of mesophyll, stomata
Root hairs, epidermis, cortex, xylem, endodermis, intercellular
spaces in mesophyll, stomata
Root hairs, cortex, endodermis, xylem, intercellular spaces in
mesophyll, stomata

4. When fibrinogen makes blood clot it separates from blood and the remainder is called;

Plasma
Lymph
Serum
Puss

5. What is correct about human red blood cells?

Have limited life span
Are capable of phagocytosis
Produce antibodies
Are multinucleate

6. Which of the following tissue layer is found in all blood vessels?	
Smooth muscle Endothelium Skeletal muscle Connective tissue	
7. When do the atria contract?	
Before diastole After systole During diastole During systole	
8. Which of the following contains deoxygenated blood in an adult human?	
Left atrium Pulmonary artery Pulmonary vein All of the abovez	
9. Which of the following chambers has the thickest walls in human heart?	
Right atrium Left atrium Left ventricle Right ventricle	
10. Which of these statements is correct about circulatory system?	
It transports hormones Capillaries have thicker walls tha veins Systemic circulation carries blood to and from the lungs All are true	

11. Exchange of materials between blood and surrounding tissues occurs in;

- Arteries
- Veins
- Capillaries
- All of the above

12. Which of the following is a type of leukocytes?

- Lymphocyte
- Eosinophil
- Monocyte
- All of the above

13. Which of the following is a function of human blood?

- It regulates body temperature
- It transports wastes
- It provides defence
- All of the above

14. Valves to prevent the backflow of blood are found in;

- Arteries
- Veins
- Capillaries
- All of the above

15. Plasma is made up of water and _____ .

- Metabolites and wastes
- Salts and ions
- Proteins
- All of the above

16. Which of these are responsible for blood clotting?	
<ul style="list-style-type: none"> Platelets Erythrocytes Neutrophils Basophils 	
17. Find the correct path of blood circulation?	
<ul style="list-style-type: none"> Left atrium, left ventricle, lungs, right atrium, right ventricle, body Right atrium, right ventricle, lungs, left atrium, left ventricle, body Left atrium, left ventricle, right atrium, right ventricle, lungs, body Right atrium, lungs, right ventricle, left atrium, body, left ventricle 	
18. A patient with blood group A can be given the blood of donor who has;	
<ul style="list-style-type: none"> Blood group A or AB Blood group A or O Blood group A only Blood group O only 	
19. The death of heart tissue is called;	
<ul style="list-style-type: none"> Atherosclerosis Arteriosclerosis Myocardial infarction Thalassaemia 	
20. What happens when a mismatched blood group is injected in recipient?	
<ul style="list-style-type: none"> Antibodies of the recipient's blood destroy donor's RBCs Antibodies of the donor's blood breakdown recipient's RBCs Both of these can happen None of these happens and such transfusion can be safe 	