

## **JSTSE PREVIOUS YEARS**

### **BIOLOGY : TISSUES**

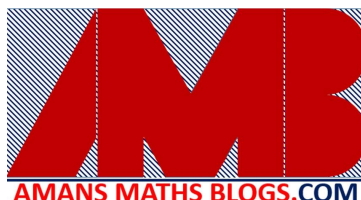
1. The pH of human blood is between: [2011]  
 (a) 6.5-7 (b) 7.5-8  
 (c) 8-9 (d) 4.5-5
  
2. A person will have brown eyes, blue eyes or black eyes depending upon the particular pigment present in : [2011]  
 (a) Pupil (b) Cornea  
 (c) Iris (d) Choroid
  
3. Life of RBC in human blood is of: [2011]  
 (a) 30 days (b) 60 days  
 (c) 120 days (d) 15 days
  
4. Which of the following is a universal blood donor ? [2011]  
 (a) A (b) B  
 (c) AB (d) O
  
5. Red blood corpuscles are formed in : [2011]  
 (a) Liver (b) Small intestine  
 (c) Kidneys (d) Bone marrow
  
6. Which sugar is present in considerable amount in the blood : [2011]  
 (a) Glucose (b) Fructose  
 (c) Galactose (d) Sucrose
  
7. The maximum temperature the human skin can tolerate without getting blisters is : [2011]  
 (a) 40 °C (b) 60°C  
 (c) 80 °C (d) 100°C



8. The proportion of red blood corpuscles and White Blood Corpuscles in human body is : [2011]  
 (a) 5 : 1 (b) 50 : 1  
 (c) 500 : 1 (d) 5000 : 1
9. About.....of the total Calcium present in the human body is in the blood. [2011]  
 (a) 99% (b) 70%  
 (c) 5% (d) 1%
10. The Element that is not found in blood is [2011]  
 (a) Iron (b) copper  
 (c) chromium (d) magnesium
11. What should be the minimum interval between two successive blood donations? [2011]  
 (a) 6 weeks (b) 3 months  
 (c) 6 months (d) 8 months
12. Colour of the skin is due to the presence of: [2011]  
 (a) renrin (b) melanin  
 (c) mesotosin (d) metatorin
13. Ginger is a stem and not a root because [2011]  
 (a) It stores food material (b) It grows horizontally in the soil  
 (c) It has nodes and inter nodes (d) It lacks chlorophyll
14. Translocation of food material in plants take place through: [2011]  
 (a) Cortex (b) Xylem  
 (c) Epidermis (d) Phloem
15. The girth of stem or root increases due to [2012]  
 (a) Lateral Meristem (b) Apical meristem  
 (c) Epidermis (d) Intercalary meristem
16. Flexibility in plants is due to [2012]  
 (a) Parenchyma (b) Chlorenchyma  
 (c) Aerenchyma (d) Collenehyma



17. The cell of the tissue are dead, walls are thickened due to lignin, the tissue is [2012]  
 (a) collenchymas (b) sclerenchyma  
 (c) Cambium (d) Aerenchyma
18. Desert plants, epidermis had a coating of [2012]  
 (a) Lignin (b) Cutin  
 (c) Melanin (d) Iodine
19. Tissue that connects muscle to bone in humans [2012]  
 (a) Cartilage (b) Ligament  
 (c) Tendon (d) Areolar connective tissue
20. Which part do not have voluntary muscles [2012]  
 (a) Leg (b) Shoulder  
 (c) Heart (d) Hand
21. Which one is not a meristematic tissue: [2013]  
 (a) Apical meristem (b) Phloem  
 (c) Cambium (d) Intercalary meristem
22. Which one is not a tissue: [2013]  
 (a) Blood (b) Muscle  
 (c) Nucleus (d) Xylem
23. Label the part: [2013]  
 (a) Dendrite (b) Nerve ending  
 (c) Cell body (d) Axon
24. Tendon is a structure which connects [2013]  
 (a) Bone with bone (b) Muscle with bone  
 (c) Nerve with muscle (d) Muscle with muscle



25. The part of seed which grows into root on germination: [2013]  
 (a) cotyledon (b) Plumule  
 (c) radicle (d) none of the above
26. The girth of the stem increases due to the activity of: [2014, 15]  
 (a) Intercalary Meristem (b) Apical Meristem  
 (c) Lateral Meristem (d) Epithelium
27. The figure below represents: [2014]  
 (a) Fibres (b) Tracheids  
 (c) Vessels (d) Companion cell
28. The fibrous tissue having great strength but limited flexibility are: [2014]  
 (a) Ligaments (b) Areolar Tissue  
 (c) Adipose Tissue (d) Tendons
29. Which one is not Example of single cell organism? [2014]  
 (a) Amoeba (b) Paramecium  
 (c) Hydra (d) Cynobacteria
30. Intercalary Meristem is found in: [2014]  
 (a) Leaf Margin (b) Tip of Stem  
 (c) Vascular bundle (d) At leaf base
31. Epidermal cells of roots have long hair like parts which help to: [2014]  
 (a) Increase the total absorptive surface  
 (b) Decrease the total absorptive surface  
 (c) Protect against diseases  
 (d) Provide strength to the roots



32. The Element of Xylem which help in sideways conduction of Water is: [2014]  
(a) Trachied (b) Xylem Parenchyma  
(c) Vessels (d) Xylem fibres
33. Which of the following is not a simple tissue? [2014]  
(a) Collenchyma (b) Sclerenchyma  
(c) Pholem (d) Parenchyma
34. Due to active immune system local effects like swelling and pain are seen due to: [2014]  
(a) Inflammation (b) Antibiotics  
(c) Microbial growth (d) Multiplication of pathogen
35. The leaves of lotus plant float on water due to the presence of: [2015]  
(a) Chlorenchyma (b) Collenchyma  
(c) Sclerenchyma (d) Aerenchyma
36. The fibrous tissue with great strength but limited flexibility is: [2015]  
(a) Tendon (b) Ligament  
(c) Cartilage (d) Areolar Tissue
37. IRIS of the Eye contains: [2015]  
(a) Striated muscle (b) Smooth muscle  
(c) Cardiac muscle (d) All the above
38. The largest bone in human body: [2015]  
(a) Femur (b) Fibula  
(c) Tibia (d) Ulna

