

1. The cell division is restricted to
(A) meristematic cells (B) permanent cells (C) secretory cells (D) all of the above
2. The meristematic cells have
(A) thin walls (B) dominant nuclei (C) absence of vacuoles (D) all of the above
3. Match the following and choose the correct option

a. Osteocytes	1. Fluid connective tissue
b. Schwann cells	2. Skeletal tissue
c. Thrombocyte	3. Areolar connective tissue
d. Fibroblast	4. Nervous tissue

(A) a - 1, b - 3, c - 2, d - 4	(B) a - 2, b - 4, c - 1, d - 3
(C) a - 3, b - 2, c - 1, d - 4	(D) a - 2, b - 4, c - 3, d - 1
4. Which of the following lack blood supply?
(A) Bone (B) Connective tissue (C) Cartilage (D) Vessel
5. Companion cells are usually seen associated with?
(A) fibres (B) parenchyma (C) xylem vessels (D) sieve tubes
6. Tendon is made up to
(A) only collagen fibres (B) inelastic connective tissue fibres
(C) elastic connective tissue fibres (D) inelastic and elastic connective tissue fibres
7. Nodes of Ranvier are found in
(A) neurons (B) chondroblasts (C) osteoblasts (D) gland cells
8. Which of the following take part in the human body's defence mechanism against diseases ?
(A) Antibodies and RBC (B) Antigens and antibodies
(C) WBC and RBC (D) Leucocytes and lymphocytes
9. Fluid part of blood after removal of corpuscles is
(A) Antigen (B) plasma (C) serum (D) vaccine

10. The tissue is defined as a group of
 (A) cells which are dissimilar in origin, but are similar in form and function
 (B) cells which are similar in origin, but dissimilar in form and function
 (C) cells which are dissimilar in origin, form and function
 (D) cells which are similar in origin, form and function
11. Meristematic tissues of plants include
 (A) mature fruits, tips of stem and root & cork cambium
 (B) stem tips, root tips, vascular cambium & cork cambium
 (C) vascular cambium, cork cambium & tips of mature leaves
 (D) tips of mature leaves & mature fruits
12. Match List I with List II and select the correct answer using the codes given below the lists.

List - I

(Plant tissue)

- A.** Sclerenchyma
B. Xylem
C. Phloem
D. Meristem

List – II

(Function)

- 1.** Conduction of water
2. Transport of food
3. Mechanical strength
4. Cell Division

A	B	C	D
(A) 4	2	1	3
(B) 1	4	3	2
(C) 3	1	2	4
(D) 2	3	4	1

13. Contraction and relaxation are unique features of
 (A) epithelial tissue (B) connective tissue (C) muscular tissue (D) nervous tissue
14. The muscle which work throughout life without undergoing fatigue is
 (A) striated muscle (B) non-striated muscle (C) cardiac muscle (D) all of the above
15. The tissue that join one bone to the other is
 (A) ligament (B) tendon (C) blood (D) cartilage
16. In plants, cytokinesis is due to
 (A) Cell plate formation (B) permanent cells (C) xylem (D) phloem
17. Tendon is a structure which connects
 (A) a bone with another bone (B) a muscle with a bone
 (C) a nerve with a muscle (D) a muscle with a muscle
18. A nail inserted some years back at 1.5 meter height on a tree trunk shall
 (A) remain where it was (B) move upwards
 (C) move downwards (D) move laterally