


Paper: _____		Total Marks: _____	
Month Test: <u>July</u>		Obt. Marks: _____	
Theme/Unit: _____		Grand Total: _____	
Objective / Subjective: _____		ID: _____	Time: _____
Name: _____		class: _____	Section: _____

Encircle the correct answer 17

1. Angular thickening in primary wall of plants is present in

- A. Parenchyma
- B. Collenchyma
- C. Sclerenchyma
- D. Trachied

2. Synovial joint is surrounded by a layer of connective tissue called

- A. Fibrous capsule
- B. Hyaline cartilage
- C. Annulus fibrous
- D. Hematoma

3. The diameter of skeleton muscle fiber

- A. 10-00 micro m
- B. 100-120 micro m
- C. 120-125 micro m
- D. 10-135 micro m

4. Euglena is able to change its direction by active contraction of

- A. Undulating membrane
- B. Myonemes
- C. Flagella
- D. Cilia

5. Which of the following is plantigrade

- A. Dog
- B. Horse
- C. Rabbits
- D. Monkey

6. Slightly elastic connective tissues that attach bone to bone

- A. Tendons
- B. Ligaments
- C. Brachialis

D. None

7. Fibrous joint present in

- A. Skull
- B. Legs
- C. Arm
- D. Chest

8. Microcephaly individuals are born with small

- A. Eyes
- B. Hands
- C. Legs
- D. Skull

9. A bone which connect scapula with sternum

- A. Humerus
- B. ISchium
- C. Pubis
- D. Clavicle

10. The bone dissolving cells are

- A. Osteoblast
- B. Stem cells
- C. Osteocytes
- D. Osteoclasts

11. Growth of young stems move in zigzag fashion of apex

- A. Hyponasty
- B. Epinasty
- C. Nutation
- D. Haptonasty

12. The sclerenchyma found in seed coats and nut shells are the

- A. Fiber
- B. Vessels
- C. Tracheid
- D. Sclerids

13. Bark is made up of

- A. Cork, cork cambium, pith, phloem
- B. Cork, cork cambium, cortex, phloem
- C. Wood, pith, xylem
- D. Xylem, phloem cortex

14. Auxin is also responsible for gravitropism of

- A. Leave
- B. Stem

- C. Root
- D. Branch

15. Selective weed killer

- A. NAA
- B. 2,4 D
- C. GA3
- D. NONE

16.....promote fruit ripening

- A. IAA
- B. Cytokinine
- C. Abscisic acid
- D. Ethene

17. Receptor in hypothalamus are

- A. Chemo
- B. Mechano
- C. Photo
- D. Nociceptors

Short answers 44

1. Write commercial importance of abscisic acid?
2. Function of NAA?
3. Difference between exogenous and endogenous?
4. Difference between diurnal and circannual rhythms?
5. What are etiolated?
6. What is chlorosis?
7. Difference between vascular cambium and cork cambium?
8. Name types of sclerenchyma cells and give its functions?
9. Difference between photonasty and thermonasty?
10. Define tactic movement write its types?
11. Difference between epinasty and hyponasty?
12. Difference between epicuticle and procuticle?
13. Name unpaired facial bones?
14. Write chemical composition of exoskeleton in mollusca?
15. Why does ecdysis take place in insects?
16. What are causes of herniation?
17. What is arthritis?
18. Write down causes of sciatica?
19. Difference between effective stroke and recovery stroke?
20. Difference between plantigrades and unguligrades?
21. Define remodeling?
22. Difference between active and passive flight?

Long question 24

1.a describe bone and cartilage?4

B.note on hydrostatic skeleton?4

2. A. Note on gibberellin?4

B. Write down classification of receptor? 4

3. A detail note on locomotion in paramecium?4

B. What is sliding filament model?4