


Paper: _____		Total Marks: _____
Month Test: <u>3<sup>rd</sup></u> Term _____		Obt. Marks: _____
Theme/Unit: _____		Grand Total: _____
Objective/Subjective: _____ ID: _____		Time: _____
Name: _____ class: _____		Section: _____

Encircle the correct answer 17

1. Phloem is generally found on outer side of

- A. Xylem
- B. Epidermis
- C. Cortex
- D. both a&b

2. Average velocity of movement of sugar in phloem

- A. 1m/8year
- B. 1m/day
- C. 1m/hour
- D. 1m/min

3. Which of the following has maximum surface area to volume ratio

- A. Amoeba
- B. Hydra
- C. Spong
- D. Paramecium

4. Open circulator system is

- A. Most primitive
- B. More advanced
- C. More efficient
- D. Both B &c

5. ....Is chief collecting vessel in earthworm

- A. Dorsal blood vessel

B. Ventral blood Vessel

C. Commissural vessel

D. Subneural vessel

6. Which of the following does not have completely divided four chambered heart

A. Crocodile

B. Snake

C. Man

D. Pigeon

7. Bulbous arteriosus is .....in fishes

A. Part of sinus venosus

B. Proximal part of ventral aorta

C. Distal part of ventral aorta

D. Proximal part of dorsal aorta

8. The solute in plasma can be divided in.....categories

A. 3

B. 5

C. 6

D. 9

9. Small particles in blood are phagocytosed by

A. Neutrophils

B. Eosinophils

C. Basophils

D. Monocytes

10. P-wave in ECG occurs

A. Just prior to atrial contraction

B. Just after contraction of ventricle

C. Just prior to ventricular contraction

D. Ventricular relaxation

11. .... Is called the pace maker of the heart

A. S.A node

B.A.V node

C.A.V bundles

D.Excitable fiber of ventricle

12. The total Cross-sectional area is greatest in

A. Capillaries

B.Aorta

C.Arteries

D.Veins

13. Thrombus in .....mayleads to myocardial infraction

A.Aorta

B.Coronary artery

C.Pulmonary artery

D.All of these

14. The flow of lymph his maintained by

A. Activity of Skeletal muscle

B.Movement of viscera

C.Breathing movement

D.All of these

15.bursa of fabricius is

A.Lymphoid tissue present in mammals

B.A part of respiratory system of birds

C.Present in birds and is lymphoid tissue

D.A site where B lymphocyte are broken

16.....WBCs are present in higher proportion in blood

A.Neutrophils

B.Basophils

C.Lymphocyte

D.Eosinophils

17. Disorder in which haemoglobin molecule have F chain instead of b chain known as

A.Thalassemia

B. Leukaemia

C. Oedema

D. Emphysema

Short answers 44

1. What do you know about imbibition?
2. Write down different functions of plasma Protein?
3. What is Apoplast pathway?
4. What is mean by root pressure?
5. What are blue babies?
6. Write down the names of 3 Main blood vessels and their functions in earthworm?
7. Friends between myocardial infraction and hemorrhage?
8. What is electro cardio gram?
9. Difference between thrombus and embolus?
10. What is role of platelet?
11. Define blood pressure?
12. What is pace maker?
13. State myoglobin and its function?
14. Compare monocytes and lymphocyte?
15. What is hypertension?
16. What is myocardium?
17. What is function of basophils?
18. Difference between granulocyte and agranulocyte?
19. How organic nutrients distribute in blood?
20. What is double circuit heart?
21. State the reasons that planaria have no special transport system?
22. State pressure flow theory in 5 lines?

Long question 24

1. A. how potassium ions flux affect transpiration?4  
B. function of lymphatic system?4
2. A. Difference between close and open circulatory system ?4  
B. Define immunity and write its types?4
3. Difference between arteries veins and capillaries ?4  
Cardiac cycle?4