

PHYSIOLOGY

Time: 3 Hours.

Max Marks: 80

Note: Answer all questions

Give Diagrammatic representation wherever necessary.

Write an essay on any TWO of the following:

2 X 10 = 20

1. Define Growth. Write in detail about various hormones influencing the growth with the help of graph and diagram.
2. What is Primary Haemostasis and Secondary Haemostasis. Write the morphology and functions of Platelets.
3. What are the Descending Tracts. Write its course and functions. What are the differences between Upper Motor and Lower Motor Neuron Lesion.

Write a short note on any SIX of the following:

6 X 5 = 30

4. What is Minute Volume?
5. Properties of synapses.
6. Heart sounds.
7. Ovarian cycle.
8. Define stroke volume and its normal value.
9. O₂ dissociation curve.
10. Plasma protein and their function.
11. What are the different refractive errors?

Write briefly on the following:

10 X 3 = 30

12. Functions of Saliva.
13. What are neuroendocrine reflexes?
14. Cross matching of blood.
15. Tidal volume.
16. Functions of middle ear.
17. Functions of Lymph.
18. Anticoagulants uses in laboratory.
19. What are the primary and secondary Bile salts?
20. Refractory period.
21. Lumbar puncture.
