

First BHMS Degree Supplementary Examinations, August 2014

PHYSIOLOGY & BIOCHEMISTRY- PAPER II

Time: 3 Hours

Max Marks: 100

- Answer all the questions
- Draw diagrams wherever necessary

Essays:

(2x10=20)

1. Name and explain the types of movements of stomach and small intestines.
2. Explain synthesis and functions of thyroid hormones. Add a note on cretinism.

Short notes:

(10x5=50)

3. Neuromuscular junction.
4. Lesions of cerebellum.
5. Muscle proteins.
6. Functions of basal ganglia.
7. Hormones of posterior pituitary gland.
8. Peptic ulcer.
9. Functions of insulin.
10. Corpus striatum.
11. Action of catecholamines.
12. High and low density lipoproteins.

Answer briefly:

(10x3=30)

13. Enterokinase.
14. Allosteric enzymes.
15. REM and non – REM sleep.
16. Pepsinogen.
17. Proton pump.
18. Name the sources of FAD, NAD, and co-enzyme A.
19. Myxoedema.
20. Myasthenia gravis.
21. Ketosis.
22. Simple muscle curve.
