

First BHMS Degree Supplementary Examinations March 2017

Physiology & Biochemistry II
(2015 scheme)

Time: 3 hrs

Max marks: 100

- Answer all questions
- Draw diagram wherever necessary

Long Essay

(2x15=30)

1. Mention the hormones secreted by pancreatic gland and describe its functions in detail
(3+12=15)
2. Define carbohydrates. Classify with suitable examples and add a note on starch and mucopolysaccharides.
(2+8+2+3=15)

Short Essay

(5x8=40)

3. Define vitamins and mention its classifications. Explain any two fat soluble vitamins
(2+3+3=8)
4. Define and classify synapse. Describe functions and properties of synapse
(2+2+2+2=8)
5. Give an account of accommodation and add a note on refractive errors
(3+5=8)
6. Define glycolysis and explain glycolytic pathway in detail
(2+6=8)
7. Explain composition and functions of saliva and add a note on mechanism & control of salivary secretion
(2+2+2+2=8)

Short notes

(10x3=30)

8. Functions of cerebrospinal fluid.
9. Creatinine
10. Hyperaldosteronism
11. Functions of calcium
12. Lipotropic Factors
13. Babinski sign
14. Iso-enzymes
15. Transamination
16. Essential fatty acids
17. Goitre