

Rajiv Gandhi University of Health Sciences

I Year B.H.M.S Degree Examination – OCT-2019

Time: Three Hours**Max. Marks: 100 Marks****Physiology and Biochemistry - Paper II (RS-3)****QP Code: 1405**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY**2 X 10 = 20 Marks**

1. Mention the hormones secreted by Anterior Pituitary gland. Add a note on Growth hormones, its functions, hypersecretion and hyposecretion.
2. Describe the Thalamus and its nuclei. Enumerate the functions of Thalamus. Add a note on Thalamic syndrome.

SHORT ESSAY (Answer any ten)**10 X 5 = 50 Marks**

3. Describe Hypothyroidism in detail.
4. Describe Pyramidal tract.
5. Describe the Urea Cycle.
6. Define Reflex. Add a note on Superficial and Deep reflexes.
7. Define Sleep and write physiological changes during sleep.
8. Explain the Glucose Tolerance Test.
9. Define Pregnancy. Explain the stages of pregnancy.
10. Describe the composition and functions of bile.
11. What is contraception? Describe methods of contraception.
12. Explain the β -oxidation of fatty acids.
13. Define Receptors. Add a note on classification and properties of receptors.
14. Explain the movements of small intestine.

SHORT ANSWERS**10 X 3 = 30 Marks**

15. What is Tetany?
16. What is Muscle Fatigue?
17. What is Glaucoma?
18. List four functions of Saliva.
19. What is Deamination? What is its significance?
20. What is Action Potential?
21. What are Neuroglia?
22. What is Jaundice? Name the types of Jaundice.
23. List the functions of Gallbladder.
24. Functions of Thymus

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