



Rajiv Gandhi University of Health Sciences, Karnataka

First Phase MBBS Degree Examination – SEP-2018

Time: Three Hours**Max. Marks: 100 Marks****Physiology - Paper II (RS2 & RS3)****QP Code: 1078**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS**2 x 10 = 20 Marks**

1. Describe the connections and functions of Basal ganglia. Add a note on its disorders.
2. Describe the calcium homeostasis. Add a note on Hypocalcemic Tetany.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Spermatogenesis and factors regulating it
4. Mention refractive errors of the eye. How they are corrected?
5. Taste pathway and taste disorders
6. Explain the functions of middle ear.
7. Compare cretinism and dwarfism
8. Name the receptors and functions of semicircular canals.
9. Name the tests for pregnancy. Explain immunological test for pregnancy in detail.
10. Endocrine functions of testis
11. Explain EPSP and IPSP.
12. Classify neuromuscular blocking agents. Explain their mechanism of actions.

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

13. Otolith organs
14. Thalamic syndrome
15. Organ of corti
16. Gigantism
17. Diabetes insipidus
18. Puberty and Menarche.
19. Saltatory conduction
20. Functions of smooth muscle
21. IUCD
22. Refractory period in skeletal muscle

