



Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase - I Degree Examination – Oct-2019

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 Parkinson's disease.
2. Describe the mechanisms of hormonal action. Add a note on Feedback regulation of hormone secretion.

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

3. Radio immunoassay
4. Scotopic vision
5. Milk ejection reflex
6. Blood-testis barrier
7. Wallerian degeneration
8. Second messenger
9. Difference between UMN and LMN lesions
10. Olfactory pathway
11. Papez circuit
12. Weber Fechner Law

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

13. Waves of EEG
14. Circadian rhythm
15. Adaptation of sensory receptors
16. Stereognosis
17. Babinski's sign
18. Functions of sertoli cells
19. Sarcomere
20. Visual acuity
21. Motor unit
22. Attenuation reflex

