

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - JULY-2018

Time: Three Hours

Max. Marks: 100 Marks

Physiology – Paper I (RS2 & RS3)

Q.P. CODE: 1077

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 10 = 20 Marks

1. Discuss the mechanism of formation of concentrated urine. Add a note on diuresis.
2. Classify leucocytes. Give an account of development and functions of different leucocytes.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Hypoxia
4. Active transport across cell membrane
5. Composition and functions of bile
6. Intrinsic pathway of clotting
7. Digestion and absorption of fats
8. Heart sounds
9. Haldane effect
10. Properties of cardiac muscle
11. Functions of lymph
12. Mass peristalsis

SHORT ANSWERS

10 x 3 = 30 Marks

13. Apnoea
14. Jugular venous pulse
15. Peripheral resistance
16. Tidal volume
17. Cyanosis
18. Landsteiner's law
19. Functions of saliva
20. Filtration of fraction
21. Fick's principle
22. Types of hemoglobin
