



Rajiv Gandhi University of Health Sciences, Karnataka

First Phase MBBS Degree Examination – JULY 2015

Time: Three Hours

Max. Marks: 100 Marks

PHYSIOLOGY-PAPER I (RS2 & RS3 SCHEME)

QP 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. Describe the coagulation process in detail. Add a note on tests for coagulation.
2. Explain the regulation of cardiac output.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Conducting system of human heart
4. Coronary circulation
5. Lung surfactant.
6. Bohr effect and Haldane effect
7. Cyanosis
8. Macrocytic anemia.
9. Factors affecting glomerular filtration rate
10. Counter current multiplier system
11. Gastrin
12. Secondary active transport.

SHORT ANSWERS

10 x 3 = 30 Marks

13. Inulin clearance
14. Parasympathetic innervation of urinary bladder.
15. Chemotaxis
16. Eosinophil
17. Functional residual capacity
18. List forms of transport of Carbon dioxide in blood.
19. Enteric nervous system
20. Composition of bile
21. Conditioned salivary secretion
22. Body fluid compartments

