



Rajiv Gandhi University of Health Sciences, Karnataka
MBBS Phase – I Degree Examination - 24-Nov-2020

Time: Three Hours

Max. Marks: 100 Marks

PHYSIOLOGY – I (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. Describe the mechanism of concentrating the urine.
2. Define Cardiac Output. Explain factors regulating Cardiac Output.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Sinoaortic reflex
4. Tubuloglomerular feedback
5. Hemolytic anemia
6. Respiratory distress syndrome
7. Rh incompatibility
8. Postprandial alkaline tide
9. Humoral immunity
10. Heart sounds
11. Hering Bruer reflex
12. Mismatched blood transfusion

SHORT ANSWERS

10 x 3 = 30 Marks

13. Haldane effect
14. Receptive relaxation
15. Vagal tone
16. Loop diuretics
17. What is Triple response?
18. Dyspneic index
19. Paralytic Ileus
20. Dialysis
21. Ejection fraction
22. Secondary active transport

