

# Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase I Degree Examination - June 2013

Time: Three Hours

Max. Marks: 90 Marks

## PHYSIOLOGY Paper I (Old Scheme) Q.P. CODE: 1003

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

### LONG ESSAY

2 x 10 = 20 Marks

1. Define hemostasis. Explain in detail the mechanism of clotting.
2. Define blood pressure. Describe in detail the neural regulation of blood pressure.

### SHORT ESSAY

10 x 5 = 50 Marks

3. Active transport
4. Rh factor
5. Neuromuscular junction
6. Gastrin
7. Deglutition
8. Functions of skin
9. Cystometrogram
10. Hypovolemic shock
11. Chronic mountain sickness
12. Hypoxia

### SHORT ANSWERS

10 x 2 = 20 Marks

13. State Landsteiner's law.
14. List any two functions of platelets.
15. Name any two neuromuscular blockers.
16. List the enzymes present in pancreatic juice.
17. Stages of deglutition
18. Autorhythmicity
19. Special features of coronary circulation
20. Any two non respiratory functions of lung
21. Stages of asphyxia
22. State Frank Starling's law.

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