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## Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Renal Dialysis Technology Degree Examination – SEP 2016

Time: 3 Hours

Max. Marks: 40 Marks

### Physiology

**Q.P. Code : 1250**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary  
(Note : Both QP Codes 1249 and 1250 are to be answered within total duration of 3 hours)

#### **LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Outline the process of acidification of urine.
2. Describe the coagulation cascade.

#### **SHORT ESSAYS (Answer any Three)**

**3 x 5 = 15 Marks**

3. What is normal renal blood flow and how is it measured?
4. List the determinants of GFR.
5. What is antidiuretic hormone? What are its actions?
6. Tubuloglomerular feedback.

#### **SHORT ANSWERS (Answer any Five)**

**5 x 3 = 15 Marks**

7. Blood urea: normal value and interpretation.
8. Atrial natriuretic peptide.
9. Prothrombin Time.
10. Specific gravity of urine.
11. Hypokalemia.
12. Functions of angiotensin.

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