

Part I Degree Examinations, July 2012

(Common for all branches)

Paper II-Applied General and Oral Physiology including Nutrition and
Pharmacology

Time: 3 hrs

Max marks: 100

- Answer all questions. Your answers should be specific to the questions asked.
- Illustrate your answers with relevant neatly labeled diagrams /tables / graphs wherever necessary.

Essay:

(2x20=40)

1. Give the normal value of blood calcium level. What are functions of calcium in the body. Briefly explain its hormonal regulation and add a note on tetany .
2. Define blood pressure. Give its normal values . Explain the role of baro receptors in the regulation of blood pressure.

Short essay:

(6x10=60)

3. Second stage of deglutition.
4. Functions of plasma proteins.
5. Cretinism.
6. Composition and functions of saliva.
7. Vitamin A.
8. Anticoagulants .
