

Part I Degree Supplementary Examinations, June 2013

(2010 Scheme)

(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. Describe the two main blood group systems and its significance. Add a note on erythroblastosis foetalis.
2. Define cardiac output. Mention its normal value. Explain the factors regulating cardiac output.

Short essay:

(6x10=60)

3. Mechanics of respiration
4. Actions of growth hormone
5. Regulation of salivary secretion
6. Pathway for touch and pain sensation from face
7. Vitamin C
8. Cortisol
