

Q.P.Code:192250

Reg. No.:.....

M.D.S. Part I Degree Examinations, June 2013
(2012 Scheme)

Paper II – Applied General & Oral Physiology Including Nutrition and Pharmacology

Time : 3 hrs

Max marks : 100

- Answer **all** questions.
- Illustrate your answers with relevant neatly labeled diagrams / tables / graphs wherever necessary.

Essay:

(2x20=40)

1. Describe the pathway for pain. Explain the physiological basis of pain. Add a note on referred pain with suitable examples. **(10+6+2+2=20)**
2. What is arterial pressure and what is the normal value in humans. Discuss the factors regulating blood pressure. Add a note on the physiologic responses to moderate hemorrhage **(2+2+8+8=20)**

Short essay:

(6x10=60)

3. Deglutition
4. Functions of platelets
5. Trace elements
6. Dentifrices
7. Vitamin D
8. Adverse effects of glucocorticoids
