

Q.P.Code:192250

Reg. No.:.....

M.D.S. Part I Degree Examinations, June 2015

(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. Define anemia and mention its types. Describe the signs and symptoms of each. How does anemia compromise the outcome of various dental procedures (2+3+10+5=20)
2. Classify anti-inflammatory drugs. Describe the pharmacological actions of salicylates. List the precautions to be observed by a dentist before administering steroids (3+12+5=20)

Short essay:

(6x10=60)

3. Pharmacological actions of diphenhydramine
4. Regulation of blood calcium level
5. Mechanism of action and indications of vasoconstrictors
6. Factors affecting basal metabolic rate (BMR)
7. Adverse reactions of barbiturates when used as a hypnotic drug
8. Types of taste buds and its role in taste sensation
