

**Q.P.Code:192250**

**Reg. No.:.....**

M.D.S. Part I Supplementary Degree Examinations, January 2014

## **(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. Classify bleeding disorders based on its etiopathology. Describe the precautions to be taken before performing dental extraction in such patients. Add a note on the functions of platelets  
(5+10+5=20)
2. Classify sympathomimetic drugs based on its therapeutic use. Describe the pharmacological actions of adrenaline. How do the actions of adrenaline become significant to a dental specialist  
(5+10+5=20)

**Short essay:**

**(6x10=60)**

3. Therapeutic uses of salicylates
4. Molecular mechanism of muscle contraction.
5. Anticoagulants and its mechanism of action
6. Effect of diet on growth and development
7. Pharmacological action lignocaine
8. Causes, symptoms, complications and management of sleep apnoea

\*\*\*\*\*