

**Q.P.Code:192250**

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

M.D.S. Part I Degree Supplementary Examinations, November 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 hypertension. Mention the types and causes of hypertension. Describe the regulation of blood pressure. Add a note on the precautions to be taken while performing a dental procedure on a hypertensive patient. (2+5+8+5=20)
2. Classify penicillin. Describe its mechanism of action and adverse reactions. Mention its therapeutic uses giving emphasis to dentistry (4+4+6+6=20)

**Short essay:**

**(6x10=60)**

3. Mouth washes
4. Types and properties of receptors
5. Antihistaminic drugs
6. Digestion and metabolism of carbohydrates
7. Drug interaction
8. Role of kidney in the regulation of pH of blood

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