

**Q.P.Code:192250**

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

M.D.S. Part I Degree Examinations, June 2016

**Paper II – Applied General & Oral Physiology Including Nutrition and  
Pharmacology  
(2012 Scheme)**

**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 myocardial infarction. Explain the mechanism of regulation of heart rate. What are the basic principles in ECG recording. Describe a normal ECG. ( 1+6+6+7= 20 Marks)
2. Classify vasodilator and vasoconstrictor drugs. Which vasoconstrictor drugs can be used safely in bleeding disorders. Add a note on oral anticoagulants and antidotes. ( 6+6+4+4= 20 Marks)

**Short essay:**

**(6x10=60)**

3. Anti allergic drugs
4. Topical steroids
5. Neuromuscular transmission
6. Regulation of blood glucose
7. Fat soluble vitamins
8. Basal narcotics

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