

**Q.P.Code:192250**

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

**M.D.S. Part I Degree Supplementary Examinations, July 2017**

**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. Describe detoxification of drugs in human body. What are the contraindications of medication in patients with liver disorders. Enumerate drugs that are metabolized in liver. Add a note on hepatic failure. (8+6+4+2)
2. Describe chemical regulation of respiration. What is acclimatization. Describe any one method of artificial respiration. Add a note of decompression sickness.

**(8+6+3+3)**

**Short essay:**

**(6x10=60)**

3. Non-steroidal anti-inflammatory drugs (NSAID)
4. Trace the Pain pathway from face with the help of a diagram.
5. Oral hypoglycemic drugs
6. Hyperlipidemia
7. Edema
8. Central depressants.

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