

Q.P.Code:103379

REG. No:.....

**FIRST YEAR M.Sc. PHYSIOLOGY SUPPLEMENTARY DEGREE  
EXAMINATIONS, SEPTEMBER 2012.  
(FOUNDATION COURSE)**

Time: 3 hrs

Max. Marks:- 70

**PAPER III- PHYSIOLOGY**

- *Answer all the questions*
- *Draw diagrams wherever necessary*

**Essay:**

**(2x10=20)**

1. Define hypoxia. What are the different types of hypoxia and explain each with examples. (2+3+5=10)
2. Explain the origin, course and termination of pyramidal tract. Mention the classical features of upper motor neuron lesion. (6+4=10)

**Short Notes:**

**(5x6=30)**

3. Second phase of deglutition
4. Wallerian degeneration
5. Role of skin in the body temperature regulation
6. Erythropoiesis
7. Oral contraceptives

**Answer briefly:**

**(5X4=20)**

8. Auto regulation of renal blood flow
9. Neuroglial cells
10. Origin, circulation and absorption of cerebrospinal fluid
11. Hormones of posterior pituitary
12. Fat absorption in the body

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