

QP Code:104004

Reg. No.:.....

First BHMS Degree Supplementary Examinations, August 2012

PHYSIOLOGY & BIOCHEMISTRY- PAPER II

Time: 3 Hours

Max Marks: 100

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

Essays: (2x10=20)

- 1 Name the anterior pituitary hormones. Describe in detail the properties, functions, regulation and effects of excess secretion of growth hormone.
- 2 Explain the structure, source, properties, functions and deficiency manifestations of vitamin A

Short notes: (10x5=50)

- 3 Synapse
- 4 Thyroxine
- 5 HMP Pathway
- 6 Classification of amino acids
- 7 Gastrointestinal hormones
- 8 Enzymes of pancreatic juice
- 9 Thalamus
- 10 Transmitter substances
- 11 Basal ganglia
- 12 Movements of stomach

Answer briefly: (10x3=30)

- 13 Oxytocin
- 14 Bile salts
- 15 Parathormone
- 16 Baro receptors
- 17 Ketone bodies
- 18 Cori's cycle
- 19 Essential fatty acids
- 20 Nuclei of cerebellum
- 21 Micelles
- 22 Actin
