

A-3036

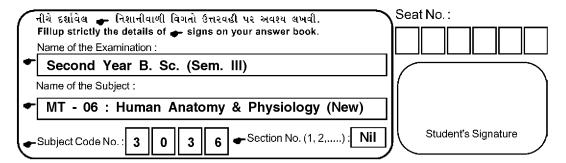
Second Year B. Sc. (Sem. III) Examination March/April - 2015

MT - 06 : Human Anatomy & Physiology (New Course)

Time: Hours] [Total Marks: 50

Instructions:

(1)



- (2) Figures to the **right** indicate full marks.
- (3) Draw a neat and labelled diagram where required.
- 1 Answer the following:

8

- (1) Give the location and function of the parietal cell.
- (2) What is ADH? Give its significance.
- (3) State the function of collagen fibres and elastic fibres.
- (4) Define the role of control centre in Homeostasis and explain Homeostatic imbalance.
- 2 Answer any two of the following:

14

- (1) Explain the cells, types and functions of connective tissue.
- (2) What is Homeostasis? Explain negative feedback control mechanism giving example.
- (3) Explain the process of digestion and absorption of carbohydrates in GI tract.

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3 Attempt any **one** of the following:

- **14**
- (1) Draw a neat and labelled diagram of kidney and explain its role in Urine formation.
- (2) Action and myosin are important proteins required for muscle contraction and relaxation.
- 4 Write short notes on any two of the following:

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- (1) Plasma membrane structure and function
- (2) Structure of long bone
- (3) Muscles of Upper and Lower Limbs.