



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)

<p>नीचे दशांशों के निशानों वाली विगतों के उत्तरवही पर अवश्य लिखनी। Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : ☛ Second Year B. Sc. (Sem. III)</p> <p>Name of the Subject : ☛ MT - 06 : Human Anatomy & Physiology (New)</p> <p>☛ Subject Code No. : 3 0 3 6 ☛ Section No. (1, 2,.....): Nil</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; width: 100%;">Student's Signature</div>
---	---

- (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.

- 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) Actin and myosin are important proteins required for muscle contraction and relaxation.
- 4** Write short notes on any **two** of the following : **14**
- (1) Plasma membrane - structure and function
 - (2) Structure of long bone
 - (3) Muscles of Upper and Lower Limbs.
-