



RC-0729

Second Year B. Sc. Examination

April/May - 2010

Human Anatomy & Physiology : Paper - IV
(Medical Technology)

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दृशावेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="S. Y. B. Sc."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Human Anatomy & Physiology : Paper - 4"/>	<input type="text"/>
Subject Code No. : <input type="text" value="0"/> <input type="text" value="7"/> <input type="text" value="2"/> <input type="text" value="9"/>	<input type="text"/>
Section No. (1, 2,.....): <input type="text" value="Nil"/>	<input type="text"/>
	Student's Signature

- 1 Answer the following : 14
- Name **three** functions of RBCs.
 - What is osteoclast and osteoblast?
 - Name the flexor muscles of front of Arm.
 - Give the function of Leydig cells and sertoli cells.
 - How kidney play an important role in Erythropoiesis?
 - Define Grey matter and white matter.
 - Name the stem cells that produce all blood cells. Which cells produce from myeloid stem cells?
- 2 Explain/comment on any **three** : 15
- Composition and function of Blood.
 - Pneumotactic centre has important role in respiration.
 - Draw and label the parts of digestive system.
 - Structure and functions of respiratory system.
- 3 Write an essay on : 10
- Describe the general classification and structure of a bone. Enumerate the bones of upper limb.

- 4 Attempt any **two** of the following : **16**
- (i) Blood group
 - (ii) Give classification with their functions of Epithelium.
 - (iii) Diabetes regulating hormones.
- 5 Write short notes on any **three** : **15**
- (i) Structure of EAR.
 - (ii) Temperature regulation of body.
 - (iii) Absorption and digestion of carbohydrates.
 - (iv) Apex beat.
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