

Date
25/11/13

25711/13

11-2013-DTP-P-7-RA-9
No. 7860-13.

Biomedical Sem III (CBSGS)

HAP Human Anatomy GX - 12046
and Physiology

(3 Hours)

[Total Marks : 80

(31)

- B. :**
- (1) Question No. 1 is compulsory.
 - (2) Attempt any **three** out of remaining five questions.
 - (3) Draw neat **diagrams** wherever necessary.
 - (4) **Figures to right** indicate full marks.
 - (5) Use legible **handwriting**.
-
- (a) Explain the composition of blood. 6
 - (b) Explain the structure of ear with a neat diagram. 8
 - (c) Explain the steps of coagulation. 6
-
- (a) Describe the conduction system of the heart. 10
 - (b) Explain the physiology of hearing. 10
-
- (a) Explain the mechanics of respiration. 10
 - (b) Describe the structure of stomach and state its function. 10
-
- (a) List the endocrine glands and state their secretion and functions. 10
 - (b) Explain the functions of any five cell organelles. 10
-
- (a) Classify epithelial tissue and state their functions. 10
 - (b) Explain the microscopic structure of nephron with a neat diagram. 10
-
- (a) Draw and explain the lobes of the cerebrum. Also state the functions of the lobes. 10
 - (b) Explain the functions of CBF. 5
 - (c) State the accessory organs of the digestive system and their functions. 5
-