

AV – 2463

First Year Pharm D. Examination

HUMAN ANATOMY AND PHYSIOLOGY

Paper - I.1

(USC – 35108)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 70

- Note :** (1) Answer any **Five** questions from Q. No. **Two** to **Nine**.
(2) Question No. **One** is compulsory.
(3) Due credit will be given to neatness and adequate dimensions.
(4) Illustrate your answer wherever necessary with the help of neat sketches.
(5) Use pen of Blue/Black ink/refill only for writing the answer book.

1. What is cell ? Draw well labelled diagram of Eukaryotic cell and describe functions of different cell organelles. 15
2. What is Blood ? Describe briefly Erythropoiesis and role and RBC. 11
3. Draw well labelled diagram of Heart and describe its conduction system. 11
4. Write a short note on (any **Two**) :
(1) ECG (2) B. P.
(3) Spleen (4) Blood Groups 11
5. How lymph formed and describe lymphatic system ? 11
6. What is hypertension and describe how Blood pressure is regulated in normal physiology. 11

AV-2463

P.T.O.

7. Draw well labelled diagram and explain (any **Two**) :

(1) Largest gland in the body.

(2) Structural and functional unit of kidney.

(3) Structural and function unit of Nervous system.

11

8. What is master gland and describe hormones secreted by anterior pituitary gland.

11

9. Describe Male reproductive system.

11

