

AV – 2322

Second Semester B. Pharm. Examination

ANATOMY AND PHYSIOLOGY – II

Paper – T – 2.2

(USC – 35144)

P. Pages : 2

Time : Three Hours]

[Max. Marks : 60

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- Note :** (1) All question carry equal marks.
(2) Answer **Five** questions.
(3) Illustrate your answer wherever necessary with the help of neat sketches.

1. Describe the process of internal and external respiration with the concept of diffusion of gases. 12
2. Describe the structure and functions of stomach and liver. 12
3. Enlist various organs of urinary system. Describe microscopic structure of kidney and process of urine formation. 12
4. (a) Describe the structure and function of sweat gland and sebaceous gland. 6
(b) Write role of skin in maintaining body temperature. 6
5. Write the structure and functions of spinal cord. 12
6. Explain physiology of muscle contractions and note on neuromuscular junctions. 12

AV-2322

P.T.O.

7. Short notes on (Any Two) :—

(a) Oogenesis or menstrual cycle.

(b) Process of Neurotransmission.

(c) Chemical digestion of carbohydrate.

12

