Printed Pages: 01
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Sub Code: BP201T
Roll No.

B PHARM
(SEM II) THEORY EXAMINATION 2017-18
HUMAN ANATOMY AND PHYSIOLOGY- II

Time: 3 Hours *Total Marks: 75*

Note: **1.** Attempt all Sections.
2. Draw the neat and clean-labeled diagram, if necessary.

SECTION A

1. Attempt *all* questions in brief. **10 x 2 = 20**

a. What is Cerebrospinal fluid?
b. Write the functions of cerebellum and hypothalamus.
c. Define Net Filtration Pressure and GFR.
d. What is Basal metabolic rate?
e. Define Tidal volume and Residual volume.
f. Mention any two functions of liver.
g. Enumerate all the endocrine glands present in the body.
h. Define Gametogenesis.
i. What is Transcription and Translation?
j. A graph of a family history for a specific trait or health problem over several generations is termed .....

SECTION B

2. Attempt any *two* parts of the following: **2 x 10 = 20**

a. Explain in detail about Thyroid hormones formation, seeretion, storage and release with proper diagram.
b. What is Respiration? Discuss in detail about mechanism of respiration and regulation of respiration.
c. Explain male reproductive system with well labeled diagram, as well as discuss about ducts of testis.

SECTION C

3. Attempt any *five* parts of the following: **7 x 5 = 35**

a. Explain the mechanism of breathing with diagram.
b. Describe larynx and pharynx as well as also discuss a note on their functions.
c. Write a note on Salivary glands.
d. Explain Neurotransmission in brief.
e. Describe the pituitary gland along with the hormones secreted by it.
f. Write an illustrative note on Physiology of Menstruation.
g. How is oxygen transported from the lungs to the other parts of the body?

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