U.G. 2nd Semester Examination - 2020

FOOD & NUTRITION

[HONOURS]

Course Code : FNTH/CC-03/PR

[PRACTICAL]

Full Marks : 20 Time : 3 Hours

The figures in the right-hand margin indicate marks.

1. Write four characteristics of the following specimen (any five) : 5×2=10
   a) Small intestine
   b) Thyroid
   c) Smooth muscle
   d) Adrenal cortex
   e) Ovary
   f) Liver

2. Match the following of Table A & Table B: 5×1=5

Table A	Table B
a) Pituitary	I) Germ cells
b) Stomach	II) Delta cell
c) Pancreas	III) Pulmonary lobules
d) Testes	IV) G-cell
e) Lungs	V) Master gland

3. Answer of the following questions (any five): 5×1=5

I. Angiotensin I is changed by which of the following into Angiotensin II?
   a) ACE
   b) AVT
   c) Pepsin
   d) Adenosine

II. During phase 3 of the myocardial action potential which ion is moving the most?
   a) K÷
   b) Ca÷
   c) Na÷
   d) Ca2÷

III. Which of the following is not a function of Progesterone?
   a) Causes increased body temperature.
   b) Causes some smooth muscle relaxation.
   c) Causes increased spiral artery growth
   d) Causes activation of FSH

IV. Which of the following is flexible connective tissue that is attached to bones at the joints?
   a) Adipose
   b) Cartilage
   c) Epithelial
   d) Muscle

V. Which of the following cranial nerves is related to the sense of smell?

a) Abducens

b) Hypoglossal

c) Olfactory

d) Trochlear

VI. The type of neurone that communicates information from the central to the peripheral nervous systems

a) Sensory neurone

b) Afferent neurone

c) Motor neurone

e) Interneurone
