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BSHHSCN 203

**II Semester B.Sc. (Home Science) Degree Examination, September 2022
(2021 – 22 Batch Onwards) (NEP 2020)
HUMAN PHYSIOLOGY (DSCC)**

Time : 2 Hours

Max. Marks : 60

PART – A

I. Answer **any five** of the following questions.

(5×2=10)

- 1) a) Composition of Urine.
- b) List the cell organelles.
- c) Expand GFR and write a short note.
- d) Write the composition of saliva.
- e) Write any four functions of blood.
- f) Write the role of accessory organs in digestion.
- g) Depict the structure of neuron.

PART – B

II. Answer the following questions.

(3×12=36)

- 2) a) Functions of Golgi apparatus and Lysosomes. **4**
- b) Structure and function of plasma membrane, with diagram. **8**

OR

- 3) a) Myocardial ischemia. **4**
- b) Events of cardiac cycle. **8**
- 4) a) Obstructive jaundice. **4**
- b) Explain the composition of pancreatic juice and functions of pancreas. **8**

OR

- 5) a) Chronic glomerulonephritis. **4**
- b) Explain the functions of liver in digestion and absorption of carbohydrates. **8**

P.T.O.



- 6) a) Distinguish ANS and PNS. **4**
b) Changes occurring during pregnancy. **8**

OR

- 7) a) Functions of pituitary gland. **4**
b) Structure of human brain. **8**

PART – C

III. Answer **any two** of the following questions. **(2×7=14)**

- 8) Explain the effect of hypo and hyper secretion of growth hormone.
9) Discuss on Waves of ECG.
10) Draw neat labelled diagram of kidney and explain the functions of kidney.
11) Explain about the gases exchange in lungs.
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