

2019

B.Sc.

2nd Semester Examination
NUTRITION (Honours)

Paper - C4T

Full Marks : 40

Time : 2 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

1. Answer any *five* questions : 5×2
- (a) Write the functions of smooth endoplasmic reticulum.
 - (b) Mention the factors affecting cardiac output.
 - (c) What is "Haversian system" ?
 - (d) What is erythroblastosis fetalis ?
 - (e) Write a very brief note on pancreatitis.

[Turn Over]

- (f) What is lung compliance ?
- (g) State the importance of GABA.
- (h) What is menopause ?

Group - B

Answer any *four* questions : 4×5

- 2. Describe the mechanism of HCl secretion in stomach. 5
- 3. Describe the ultra structure of plasma membrane with special reference to fluid mosaic model. 5
- 4. Mention the functions of cortisol. Write a brief note on pineal hormone. 5
- 5. State the histological structure and functions of skin. 5
- 6. Describe the ventricular events of cardiac cycle. 5
- 7. Briefly state the functional differences between upper motor and lower motor neuron of pyramidal nerve tract. 5

Group - C

Answer any *one* questions of the following : 1×10

8. (a) Describes the structure of cochlea with a suitable diagram.
- (b) Describe the role of sympathetic and parasympathetic nervous system on blood pressure regulation. 5+5
9. (a) Describe the events of ovulation.
- (b) Discuss the process of blood coagulation. 4+6
-