### CBCS/B.Sc./Hons./2nd Sem./Food and Nutrition/FNTACOR04T/2019

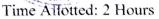


CC)

WEST BENGAL STATE UNIVERSITY

B.Sc. Honours 2nd Semester Examination, 2019

# FNTACOR04T-FOOD AND NUTRITION (CC4)



The figures in the margin indicate full marks. Candidates should answer in their own words and adhere to the word limit as practicable.

## **GROUP-A**

- 1. Answer any *ten* questions from the following:
  - (a) What do you mean by saltatory conduction?
  - (b) State Bell-Magendie law?
  - (c) What is blind spot?
  - (d) What is sarcotubular system?
  - (e) What is reflex arc?
  - (f) What is acromegaly?
  - (g) Name any two gastrointestinal hormones.
  - (h) What do you mean by z line?
  - (i) What is Myopia?
  - (j) What is stellate ganglion?
  - (k) What is the function of Leydig cells?
  - (1) What is Addison's Disease?

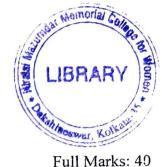
### **GROUP-B**

- 2. Answer any *four* questions from the following:
  - (a) Briefly explain the functions of Cerebellum.
  - (b) Explain the mechanism of synaptic transmission.
  - (c) Write a brief note on fertilization.
  - (d) Briefly state the structure of organ of Corti.
  - (e) Explain the hormonal control of parturition.
  - (f) Write a brief note on hypo and hyperthyroidism.
  - (g) State the functions of insulin.

### **GROUP-C**

3.	Answer any one question from the following:	$10 \times 1 = 10$
(2	) Briefly state the ovarian and uterine changes in different phases of menstrual	6+4 = 10

- cycle. Explain the hormonal regulation of these phases.
- (b) What do you mean by isometric and isotonic muscle contraction? Explain the 3+7=10 mechanism of skeletal muscle contraction and relaxation.



 $1 \times 10 = 10$ 

 $5 \times 4 = 20$ 

1