



**WEST BENGAL STATE UNIVERSITY**  
B.Sc. Honours 1st Semester Examination, 2019

**FNTACOR01T-FOOD AND NUTRITION (CC1)**

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.  
Candidates should answer in their own words and adhere to the word limit as practicable.  
All symbols are of usual significance.*

**GROUP-A**

1. Answer any **ten** questions from the following: 1×10 = 10
- (a) Name the bile salts.
  - (b) What is PAR?
  - (c) Define health.
  - (d) What do you understand by the term condiment?
  - (e) Explain the term: Reference woman.
  - (f) Name a mixed gland in GI tract.
  - (g) Name one microanatomical feature of any gland associated with GI tract.
  - (h) Do you recommend consumption of raw egg? Comment.
  - (i) What is probiotic?
  - (j) What is RDA?
  - (k) Name the cell from which HCl is secreted?
  - (l) What is the function of goblet cell?
  - (m) What do you mean by millet?
  - (n) What do you understand by solar cooking?

**GROUP-B**

2. Answer any **four** questions from the following: 5×4 = 20
- (a) Name the salivary gland. Explain the histological structure of salivary gland. 3+2
  - (b) Describe the function of iron in human system. 5
  - (c) Explain the function of vitamin C in human system. 5
  - (d) Explain the significance of consumption of fibre in daily diet in different age groups. What is soluble fibre? 4+1

- (e) Explain your understanding about food pyramid, with suitable examples. 5
- (f) Explain your understanding about malnutrition. 5

**GROUP-C**

3. Answer any **one** question from the following: 10×1 = 10
- (a) (i) What is BMR? 2
- (ii) State the normal values. 2
- (iii) Explain elaborately the factors affecting BMR. 4
- (iv) What do you mean by SDA of food? 2
- (b) (i) Explain the process of carbohydrate digestion. 4
- (ii) Describe the process of lipid absorption. 3
- (iii) Write a note on the functional significance of pancreatic juice. 3