



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
- Name the bile salts.
 - What is PAR?
 - Define health.
 - What do you understand by the term condiment?
 - Explain the term: Reference woman.
 - Name a mixed gland in GI tract.
 - Name one microanatomical feature of any gland associated with GI tract.
 - Do you recommend consumption of raw egg? Comment.
 - What is probiotic?
 - What is RDA?
 - Name the cell from which HCl is secreted?
 - What is the function of goblet cell?
 - What do you mean by millet?
 - What do you understand by solar cooking?

GROUP-B

2. Answer any **four** questions from the following: 5×4 = 20
- Name the salivary gland. Explain the histological structure of salivary gland. 3+2
 - Describe the function of iron in human system. 5
 - Explain the function of vitamin C in human system. 5
 - 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