



WEST BENGAL STATE UNIVERSITY
BBA(TAH) Honours 5th Semester Examination, 2021-22

BTHACOR12T-BBA(TAH) (CC12)

FOOD SERVICES MANAGEMENT AND APPLIED NUTRITION

Time Allotted: 2 Hours

Full Marks: 50

*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

Answer any two questions from the following

10×2 = 20

1. (a) Define the terms — Nutrition, RDA, Kilocalorie. 3+2+1+4
(b) Role of food in maintaining psychological health.
(c) What do you mean by BMR? Discuss the factors affecting BMR.
2. Write down the factors affecting menu planning. What are the types of catering and food services? 5+5
3. (a) State some needs and drawbacks of RDA. Write down the RDA of calcium for a pregnant women. 2+1+2+5
(b) Define Reference women.
(c) Write about the nutritional value of the egg.
4. Discuss the HACCP. Write down the principle of menu planning. 5+5
5. What are a balanced diet and its importance?
6. How to prevent food contamination in food production plants?

GROUP-B

Answer any two questions from the following

15×2 = 30

7. (a) Define Lipids. Differentiate between Essential and Non-essential amino acids. What is epimer state, for example? Give energy requirement of adult according to RDA 2020. 1+2+2+5
(b) Write short note on-Regulation of water balance. Define osmotic pressure. 3+2

8. What is BMR? What are the factors affecting BMR? 5+10
9. (a) Classify carbohydrates. State the secondary structure of the protein. What are the factors affecting SDA? 2+3+5
- (b) Mention some functions of Lipids. Mention some physiological complications during pregnancy. Define let down reflex. 2+2+1
10. Why is food hygiene important in the food industry? 15
11. Write down the effect of cooking and processing methods on nutrients. 15
12. Discuss all basic equipment required in commercial food production. 15

N.B.: *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

—×—