

# The University of Burdwan

**B.Sc. (Hons.) Semester 6 Theory Examination (CBCS): 2020**

**Subject: NUTRITION**

**Course Code: CC 13**

**Course Title: Nutraceutical And Functional Food**

The figures in the right hand margin indicate full marks

Candidates are required to give their answers in their own words as far as practicable.

Answer all *questions* as instructed

*Examinees are instructed to submit the scanned  
copies/photographs of their answerscripts within 120 minutes  
after the completion of examination*

**1. Answer the following questions (Any eight):**

**5×8=40**

- a. Write a comprehensive note on fermentation.
- b. Write down the adverse side effects of GM food on human health.
- c. What is antioxidant and how antioxidant helps to promote human health?
- d) Append a short note on any 'fermented milk product'.
- e) Briefly describe the significance of dietary fibre.
- f) Write a flow chart of "Reactive Oxygen Species" Induced oxidative stress.
- g) Elaborate a comparative note between 'Pharmaceutical' and 'Nutraceutical'.
- h) Explain in brief about the role of nutraceutical for the management of diabetes.
- i) What is food fortification and how food fortification play important role in the promotion of health.
- j) Write a comprehensive note on various risk factors of obesity.

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