

**The University of Burdwan**  
**B.Sc. (Hons.) Part-III Theory Examination: 2020**  
**Subject: Nutrition**  
**Paper –VI**  
**(Nutritional Assessment and Nutrition Programme, Nutrigenomics and**  
**Nutrition Management)**

F.M. – 50

Time: 2 hrs

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 30 minutes after the completion of examination

**1. Answer the following question (Any six):**

**5×6=30**

- a) Briefly discuss the clinical sign and symptoms of iron deficiency anemia.
- b) Write down your concept on 'active' and 'passive' immunity.
- c) Elaborate the objective and role of public distribution system.
- d) Briefly describe the applications NCBI.
- e) What do you mean by National Nutrition Policy (NNP) and write the identified key areas under NNP.
- f) Append a short note on the role of nutraceutical in the promotion of human health.
- g) Write a comprehensive note on 'BLAST' and 'FASTA'.
- h) Write down the importance of staff training in a food service sector?

**2. Answer the following questions (Any two):**

**10×2=20**

- a) Discuss the role of dietitians in hospital management.
- b) Briefly discuss about the various biochemical and biophysical parameters adopted for nutritional status assessment.
- c) Describe the role of WHO and FAO in the promotion of community nutrition and health

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