

The University of Burdwan
B.Sc. (General) Semester - V Examination (CBCS): 2020
Subject: Nutrition
Course Code: DSE-1A
Course Title: Therapeutic Nutrition and Critical Care

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 answer scripts within 30 minutes after the completion of examination

F.M.–40

Time: 2hrs

1. Answer any eight questions of the following:

5×8=40

- a) Briefly describe the physiological consequences of cholera.
- b) Give a model diet chart for a burn patient.
- c) List the responses occur in the body after a traumatic event?
- d) What is fever? Write down the different sign and symptoms of fever.
- e) Give a brief description on dietary recommendation for an individual under febrile condition.
- f) Append a short note on etiology of ‘osteoarthritis’.
- g) What is sepsis? Write the physiological consequences of sepsis.
- h) Briefly describe the different degree of burn with diagram.
- i) Write a diet plan for a patient suffering from cold fever.
- j) What is infection? How it differs from sepsis?

The University of Burdwan
B.Sc. (General) Semester - V Examination (CBCS): 2020
Subject: Nutrition
Course Code: DSE-1A (OR)
Course Title: Food Microbiology and Food Borne Disease

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 answer scripts within 30 minutes after the completion of examination

F.M.–40

Time: 2hrs

1. Answer any eight questions of the following:

5×8=40

- a) Differentiate between homolactic and heterolactic fermentation.
- b) Give a brief description on pure culture method.
- c) What is bacterial growth? Mention the name of different phases of bacterial growth with a curve.
- d) What do you mean by selective and differential media? Give example of each.
- e) What is sterilization? How it differs from disinfectant?
- f) What is the causative agent of Shigellosis? Write the mode of action of such agent in the body?
- g) Write in brief about the role of temperature (low and high) in sterilization.
- h) What are the different extrinsic factors that affect bacterial growth?
- i) What is food poisoning? Write the symptoms of staphylococcal food poisoning.
- j) What is food contamination? Write the different primary source of food contamination?
