

**The University of Burdwan**  
**B.Sc. (Hons.) Semester - V Examination (CBCS): 2020**  
**Subject: Nutrition**  
**Course Code: DSE-1**  
**Course Title: Human Pathology**

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) What are the different types of cast and crystal occur in the urine?
- b) Append a comparative note on benign and malignant tumor.
- c) Define thrombosis. Briefly discuss the sites of origin of the thrombosis.
- d) What is meant by hyperplasia? How it differs from hypertrophy?
- e) Briefly discuss about the function and clinical significance of creatine kinase.
- f) Give a brief description about types of atrophy?
- g) What do you mean by oncogene and tumour suppressor gene?
- h) What is apoptosis? How it differs from necrosis?
- i) Write the full form of SGOT and SGPT. Mention its diagnostic significance.
- j) Give a brief description about physical characteristics and chemical composition of urine.

-----

**The University of Burdwan**  
**B.Sc. (Hons.) Semester - V Examination (CBCS): 2020**  
**Subject: Nutrition**  
**Course Code: DSE-1 (OR)**  
**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 dietary management of diarrhoea.
- b) What are the responses that occur in the body after a traumatic event?
- c) What is lupus? State the different types of lupus?
- d) Write a short note on recommended diet for an individual under febrile condition.
- e) State the role of diet and nutrition in osteoarthritis.
- f) What are the indications shall be taken into account for the recommendation of parenteral support to the patient?
- g) Briefly discuss the nutritional support in case of burn patients.
- h) Give a brief note on pathophysiology of burn in special reference to 'Jackson Wound Model'.
- i) Write a diet plan for a patient suffering from typhoid fever.
- j) How do you differentiate sepsis and infection? State the dietary management of sepsis.

-----