



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 4th Semester Examination, 2021

SEC1 (P2)-PHYSIOLOGY

Full Marks: 40

ASSIGNMENT

*The questions are of equal value.
The figures in the margin indicate full marks.*

Attempt any two from the following

20×2 = 40

1. (a) Describe two functions of protein. Outline the clinical features of protein-energy malnutrition (PEM). 5+5
(b) List the two main classes of protein and two good food sources for each type. Explain how calcium and vitamin D work together in the body. 5+5
2. (a) Write the principles for deriving RDA. Discuss any five importance of RDA. 5+5
(b) Briefly describe the diet prescription for peptic ulcer patients. 10
3. (a) What is PEM? State the causes, symptoms and management of PEM. 2+4+4
(b) Describe the dietary management of diabetes patients. 10
4. (a) Discuss the points to be considered in planning diets for school children. Explain the causes of obesity in school going children. 5+5
(b) Describe the causes and symptoms of iron deficiency diseases. How is RQ affected by exercise? 6+4

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