

B.Sc. 1st Semester (Programme) Examination, 2020-21

PHYSIOLOGY

Course ID: 12518

Course Code: SP/PHY/101/C-1A (T)

Course Title: Physiological Aspect of Community Health

Time: 1 Hour 15 Minutes

Full Marks: 25

The figures in the margin indicate full marks.

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

- 1. Answer any five questions from the following:** **1×5=5**
- (a) Define ACU.
 - (b) What is noise?
 - (c) Give two examples of food born diseases.
 - (d) What is over nutrition?
 - (e) What do you mean by dietary fiber?
 - (f) What is biological value of protein?
 - (g) Define communicable disease?
 - (h) What is marasmus?
- 2. Answer any two questions from the following:** **5×2=10**
- (a) Write down the physiological importance of dietary fibre. Give examples of fibre containing foods. 4+1=5
 - (b) Mention the daily requirement of iron in human body. Describe the dietary source and deficiency symptoms of iron. 1+2+2=5
 - (c) What is puberty? Prepare a diet chart of an adolescent boy. 1+4=5
 - (d) What are the principles of balanced diet chart preparation for pregnant mother? What is nutritional anemia? 4+1=5
- 3. Answer any one question from the following:** **10×1=10**
- (a) Write down the difference between communicable and non communicable disease. Briefly describe the cause of diabetes mellitus and mention its dietary management. 2+4+4=10
 - (b) Describe the physiological effect of sound pollution on human health. Mention its controlling measures. What is masking of sound? 4+4+2=10