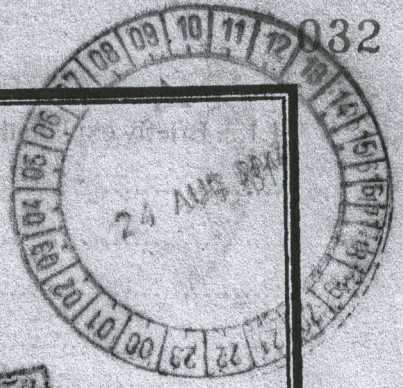




**University of Ruhuna - Faculty of Medicine**  
**Allied Health Sciences Degree Programme**  
**B.Sc. Nursing Degree Programme**  
**1st End Semester Examination**  
**NBI 1113- Biochemistry**



31st July 2017

SEQ paper

Duration: One (1) hour

Index Number .....

B.Sc. in Nursing Degree Programme  
24 AUG 2017  
Faculty of Medicine, University of Ruhuna

1.

1.1.

1.1.1. Draw and label the phospholipids bilayer (Fluid Mosaic Model). (10 marks)

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Coordinator  
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1.1.2. Briefly explain the structural components of the above bilayer. (20 marks)

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1.2.

1.2.1. Mention the different structural organizations of proteins. (10 marks)

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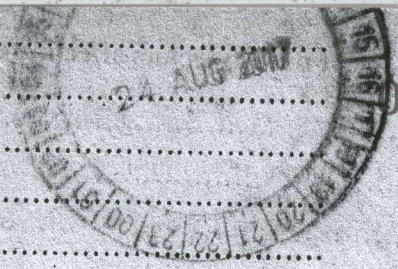
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Akoka, Lagos State, Nigeria  
08130000000





1.2.2. List four (4) functions of proteins in the body (20 marks)

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1.3. List five (5) factors affecting enzyme activity (20 marks)

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1.4 List four (4) functions of steroids in the body. (20 marks)

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2.3 Explain the biochemical basis of following conditions.

2.3.1 Actinomycin D use as an anticancer drug (15 marks)



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2.3.2 Development of severe hemolysis in malaria given primaquin to a G6PD patient. (20 marks)

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