

UNIVERSITY OF RUHUNA

BACHELOR OF SCIENCE HONOURS IN FISHERIES AND MARINE SCIENCES
DEGREE EXAMINATION

Level I Semester I – August/September 2018

FSC 1132 (R) – Basic Biology for Fisheries & Marine Sciences

Time: 1 ½ hours

Answer only Three (03) questions

1. Write an account on Endoplasmic Reticulum.
2. Describe the four modes of natural speciation.
3. Describe how specific regions of DNA undergo the processes of transcription and translation to produce proteins (provide suitable diagrams wherever necessary).
4.
 - a. Write a brief account on membrane carriers.
 - b. Explain how membrane channel work.
5. Write short notes on any two (2) of the following,
 - a. Structure of mitochondria
 - b. Functions of nucleus
 - c. Lysosomes

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