

THE OPEN UNIVERSITY OF TANZANIA
FACULTY OF SCIENCE, TECHNOLOGY AND ENVIRONMENTAL STUDIES

OBL 101: BIOLOGICAL TECHNIQUES

ASSIGNMENT I - 2008

INSTRUCTIONS:

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- Attempt **ALL** questions and wherever appropriate, include diagrams, sketches and indicate the reference books you consulted.
 - Clearly write your **name, registration number** and **postal address**.
 - Assignment one should reach the Faculty by **12thDecember 2008**
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1. Explain which type of microscope between the light microscope and electron microscope can be used to view viruses and why?

2. (a). Define dehydration in relation to specimen and tissue processing.
(b) Describe the process of dehydration and state why it is important in specimen and tissue processing.