



**INSTITUTE OF TECHNOLOGY, UNIVERSITY OF MORATUWA**  
**NATIONAL DIPLOMA IN TECHNOLOGY**

IT 2408 Software Testing and Quality Controlling

01. Mention the advantages and disadvantages of following test types?

a) Black Box Testing

b) White Box Testing

02. What are the differences between Black Box and White Box testing?

03. Explain integration testing?

04. Explain the following testing types under integration testing?

a) Big Bang Testing

b) Bottom-up approach

c) Top-down approach

d) Sandwich testing

05. Write five integration test cases for an ecommerce application.

06. Identify the difference between Unit testing, Integration testing and System Testing.

07. Explain briefly on how to conduct a UAT for a software product.

08. Compare and Contrast the Manual testing with Automated testing.