**TECHNICAL UNIVERSITY OF MOMBASA: DATE 23/12/2022**

**ADVANCED WEB APPLICATION DEVELOPMENT CAT 1: bssc**

**cse 4401**

**ANSWER QUESTIONS (30 MARKS)**

1. Describe how you use a Design pattern to improve the security and usability of university web based voting system [15 Marks]
2. Using PHP—MSQL INSERT and PHP-MYSQL-EDIT, show PHP Prepared Statements can improve the system in part a. [15 Marks]