EASTERN UNIVERSITY, SRI LANKA
DEPARTMENT OF MATHEMATICS
SECOND EXAMINATION IN SCIENCE – 2010/2011
FIRST SEMESTER (April, 2013)
OC 252- PRACTICAL WORK ON OC 207
RAPID APPLICATION DEVELOPMENT
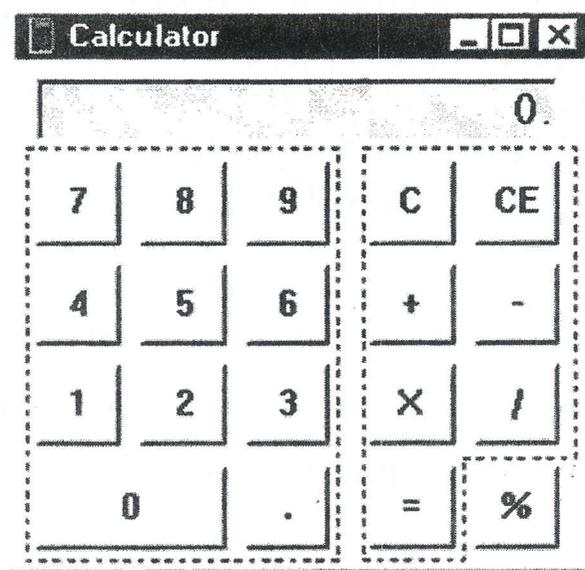### (Proper & Repeat)

Answer all questions　　　　　　　　　　　　　　**Time: 2 Hours**

Q1).　Create a Visual Basic converter project that converts **centimeter** to **meter** and **vice-versa**. The user should be permitted to enter numerals and decimal points only. You should also display a message "**Error**", in case the user enters anything else other than numerals and decimal points.

Q2).　Create a Visual Basic project which accepts **name**, **age** and **gender** of a person. **Name** and **age** should be in *text boxes* and **gender** should be in *option button*. If gender is male and age is greater than or equal to 21, or if gender is female and age is greater than or equal to 18, then display the name of the person concatenated with the string "**ELIGBLE FOR MARRIAGE**". If the conditions do not satisfy, then display the name of the person concatenated with the string "**NOT ELIGIBLE FOR MARRIAGE**".

Q3). Using Visual Basic, create a project similar to a **text editor**. It should perform operation like **cut**, **copy**, change in **font, color** of the selected text. It should also implement **new**, **open** and **save** file menu option. **Current date** and **time** should be displayed on editor status bar.

Q4). Using Visual Basic, create the project as shown below:

Instructions

i. *Number buttons, arithmetic buttons* and *clear buttons (C, CE)* should work upon only mouse clicks.

ii. "**C**" – deletes only one letter backwards.

iii. "**CE**" –deletes everything on the screen.