EASTERN UNIVERSITY, SRI LANKA

FIRST EXAMINATION IN SCIENCE 2002/03 & 2002/03(A)

SECOND SEMESTER (April/May, 2004)

CS153 – Practical Work on CS104

Time Allowed: 02 Hours

Create a class Date includes the day, the month and the year. Use the date Jan 1, 1900 to set default constructor. Include the necessary member functions in order to achieve the following tasks.

i. Increment a date by a day using ++.
ii. Decrement a date by a day using --.
iii. Compare two dates using = =.
iv. Compare two dates using <

Hint: The rule for leap year is
A year is a leap year if it is divisible by 4 and not divisible by 100 unless it is also divisible 400.
Thus 1900 and 2000 are not leap years, but 2004 is.