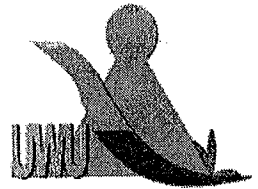


# Uva Wellassa University, Sri Lanka

End Semester Examination – Dec 2009

CST205-3 Systems Level Programming

CST462-3 Systems Level Programming



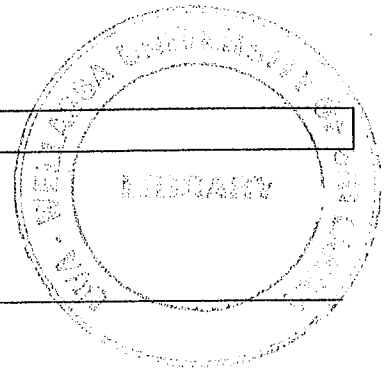
Time: One (01) hour

Part B

Note: Open Book Exam

Total **02** questions

Answer **all** questions



- 1) Write a shell script to determine whether a given file exist or not, file name is supplied as command line argument, also check for sufficient number of command line argument. (30 Marks)
  
- 2) Write a C program to perform following actions.
  - a) Display the process ID of the running C program with a suitable string. (10 Marks)
  - b) Create a child process and display the newly created process ID. (10 Marks)
  - c) Allow only the parent process to create another (2<sup>nd</sup>) child process and suspend/pause previous (1<sup>st</sup>) child process 10 seconds and terminate all processors and inform to the user about termination . (50 Marks)

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