

University of Buea
Department of Computer Engineering

Course Title: Operating Systems

Course Code: CEF 311

First Semester 2011/2012

Lecturer: Obenofunde .

First Semester 2011/2012 Examination

Instructions: Answer any 4 question. All question carry equal marks (points)

1. What is memory hierarchy? Why is memory organized that way? Give details of each block in the hierarchy. 20 marks
2. What are the design features that have been applied in order to respond to new developments in hardware, applications, security threats etc and thus modernize the OS? 20 marks
3. How do processes relate with each other? What are the corresponding problems that ensue from each relationship? 20 marks
4. What is process scheduling? Differentiate between the different types of process scheduling. 20 marks
5. What are the characteristics of real-time scheduling? 20 marks
6. What is memory management? Briefly give the techniques used in memory management. 20 marks

Good luck!