

LAGOS CITY POLYTECHNIC, IKEJA
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
DEPARTMENT OF COMPUTER SCIENCE
2013/2014 FIRST SEMESTER EXAMINATION

COURSE	TITLE:	INTRODUCTION	TO
COURSE CODE:	SOFTWARE ENGINEERING	NO OF QUESTIONS :	7
FOR WHOM:	COM 324	TIME ALLOWED:	2½ HRS
NO OF STUDENT:	HND YR II	CS	FT EXAMINER:
ANY			INSTRUCTIONS: ANSWER
			FIVE

QUESTIONS

1. (a) What are models? Discuss any 5 known models.
 (b) What is Software Engineering? How does a system evolve?
 (c) What are those factors that can inhibit the success of software development? Discuss them.
2. (a) What is an ERD? Define relationship. Identify and describe the types of relationships available.
 (b) Describe an EI with a typical scenario and support this with clear narration.
 (c) What are functional specifications?
3. (a) Discuss the characteristics of software
 (b) Discuss the Software Generic View
4. (a) As the head of your organizations (a consulting firm), IT professionals, chronicle in detail, all that you'll do to successfully execute a project your organization just landed.
 (b) Describe the following umbrella activities in Software Engineering:
 (i) Software Quality Assurance (ii) Documentation
 (iii) Software Configuration Management.
5. (a) Lucidly explain any five software life cycle models, supporting your explanations with matching diagrams.
 (b) Describe software process in the line with the activities that characterize it.
 (c) What is a Data Dictionary? Illustrate your understanding with an example.
6. (a) Define Software Engineering. Explain each of the activities mentioned/enumerates in the definition.
 (b) Distinguish clearly, among the following terms:
 (i) Software System (ii) Software Systems (iii) Software System
 (iv) Embedded Software (v) Generic Software
7. (a) What is SRS? Discuss lucidly the contents of an SRS document.
 (b) What are the characteristics of a great SRS?

