

COURSE CODE: CIT 721

COURSE TITLE: INFORMATION SYSTEMS DESIGN AND PROGRAMMING

TIME: 2 HOURS 30 MINUTES

CREDIT: 3 UNITS

INSTRUCTION: ATTEMPT 5 QUESTIONS. QUESTION 1 IS COMPULSORY AND ANY OTHER FOUR (4) QUESTIONS

QUESTION 1

- a. Identify and explain the two measures of system performance (4marks)
- b. Outline the eight(8)-phase process of SDLC (4marks)
- c. Describe the two ways Information systems add control (4marks)
- d. Compare the four categories of risks in information system projects (6marks)
- e. Evaluates any four problems of management and information systems (4marks)

QUESTION 2

- a. Identify the different types of models and explain any two (6marks)
- b. Outline the six (6) stages of data processing system growth (6marks)

QUESTION 3

- a. Describe the ways information systems adds competitiveness to system project (6marks)
- b. (i) What is CBA and explain its purpose (3marks)
(ii) Identify six(6) system life cycle of CBA (3marks)

QUESTION 4

- a. Outline any six(6) systems operations key tasks and activities (6marks)
- b. Describe three roles each for (i) System Manager (ii) Technical Support (6marks)

QUESTION 5

- a. Describe the term process mapping (4marks)
- b. (i). Identify five (5) problems associated with character-based application (5marks)