

PAN AFRICA CHRISTIAN UNIVERSITY

BACHELORS OF INFORMATION COMMUNICATION TECHNOLOGY

END OF TERM EXAMINATION

DEPARTMENT: COMPUTING & INFORMATION TECHNOLOGY

COURSE CODE: BIT/BCIT 201

CAMPUS: ROYSAMBU

COURSE TITLE: SYSTEM ANALYSIS AND DESIGN

EXAM DATE:

TIME:

INSTRUCTIONS

- This exam carry a total of SIX Questions of [10 Marks Each]
- Section One (I) is compulsory.
- Answer any 3(Three) Questions from Section Two (II)
- Read all questions carefully before attempting.

Section One Compulsory 10 marks

Question One.

- a) As an expert system analyst, you are to sit in a panel of experts interviewing to recruit Junior system developers you need to work with to support fully your organization, Articulate FIVE interpersonal attributes/skills you will be looking for during the interview.

[5 marks]

- b) Discuss the differences between classical and Iterative model type of system development life cycle.

[5 marks]

Section Two Attempt any Three Questions.

Question Two.

Compose FIVE facts finding techniques with their objectives and at least one drawbacks available for modern software developers.

[10 marks].

Question Three

Jonathan in his final stages to deploy an e-campus Biometric system, He had only two approaches at his disposal to use which was Throw away prototype and evolutionary. Judge his approach process.

[10 marks]

Question Four

Develop at least a 10 points Questionnaire you would use in carrying out a system investigation for a newly fast growing private primary school's mobile app fee payment solution.

[10 marks]

Question Five.

If you are to use the Iterative software development process in developing a new website for PAC University, what are some of the key similarities and differences the approach would share with the waterfall model in attaining your results.

[10 marks]

Question Six.

- a) As a system Analyst demonstrate how you will undertake a system changeover process in your newly acquired job to deploy for your University an E-Voting system.

[3 marks]

- b) Before you embarked on the above E-Voting system deployment, you had to engage different stakeholders from the university. Discuss at least FIVE

challenges you are likely to encounter and possible solutions you may apply.

[3 marks]

- c) Debate at least FOUR system flow chart symbols as used in system description techniques.

[4 marks]

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