INSTRUCTIONS:

1. Answer Question 1 (Compulsory) and ANY other two questions
2. Candidates are advised not to write on the question paper
3. Candidates must hand in their answer booklets to the invigilator while in the examination room
QUESTION ONE 30 MARKS

a) Define a system. Explain the components of a system. (5 MARKS)

b) Briefly differentiate between SDLC and CBIS. (5 MARKS)

c) Outline the detailed characteristics of a system analyst (5 MARKS)

d) Describe the benefits of using tool in the development of information system. (5 MARKS)

e) Explain some of the advantages that make an interview better in comparison to other finding methods. (5 MARKS)

f) Differentiate between Structured Analysis and Object Oriented analysis (5 MARKS)

QUESTION TWO 20 marks

a) Discuss with examples the Challenges of Information System Design (10MARKS)

b) Differentiate between simulation and prototyping. (10 MARKS)

QUESTION THREE 20 MARKS

a) Briefly explain how system maintenance is accomplished (10 MARKS)

b) Describe the role of a systems analyst in the systems development process. (10 MARKS)

QUESTION FOUR 20 MARKS

a) What are some of the guidelines one should consider before using an interview for gathering data? (10 MARKS)

b) Explain the main stages of the system development life cycle (10 MARKS)

QUESTION FIVE 20 MARKS
a) Discuss different steps in feasibility analysis. (10 MARKS)

b) With a good illustration explain stages followed during system development in waterfall method. (10 MARKS)