

QUESTION ONE (30 MARKS)

- a) Define the term 'system' and highlight any three features of a system. (5 Marks)
- b) Explain the importance of Decision Support system and give three characteristics of a DSS. (5 Marks)
- c) Highlight any five advantages of a computerized Information System over a manual system. (5 Marks)
- d) A system analyst is an agent of change. Give five facts to support this statement. (5 Marks)
- e) Briefly discuss any five characteristics of the structured methods of systems development. (5 Marks)
- f) What do you understand by 'Social feasibility'? Highlight any three issues addressed by conducting social feasibility in systems development. (5 Marks)

QUESTION TWO (20 MARKS)

- a) Using a diagram, discuss the various kinds of systems required in the various levels of management in an organization. (10 Marks)
- b) Define an 'Information System' and state and explain the components of Information Systems. (10 Marks)

QUESTION THREE (20 MARKS)

- a) When developing systems, there are key elements of system strategy that you must take into consideration. Candidly explain the three elements of systems strategy. (10 Marks)
- b) State and explain any five tasks that a system analyst undertakes in systems analysis. (10 Marks)

QUESTION FOUR (20 MARKS)

- a) Explain five reasons why it is necessary to use a methodical approach to systems analysis and design. (10 Marks)
- b) Briefly discuss prototyping and explain four reasons why it is necessary in software development. (10 Marks)

QUESTION FIVE (20 MARKS)

- a) Describe five techniques and tools used during the analysis phase of systems development. (10 Marks)
- b) The feasibility report is the product of the feasibility study. Discuss the contents of the feasibility report. (10 Marks)