**NAME..................................................................................ADM NO..................... CLASS...................**

**ELERAI MCK GIRLS’ SECONDARY SCHOOL**

**P. O. BOX 435**

**SULTAN HAMUD**

***Motto “Discipline and Hard Work for Excellence”***

**FORM III**

**COMPUTER STUDIES**

**CAT I**

**TERM III 2013**

**INSTRUCTION**

* *Answer* ***ALL*** *the questions in the spaces provided below each question*

1. Define the following terms as used in system development (3mks)
2. System
3. Information system
4. System analyst
5. Distinguish between soft system and hard system (2mks)
6. Distinguish between deterministic system and probabilistic system (2mks)
7. State any four characteristics of a system (4mks)
8. Highlight any two reasons for developing a new information system (IS) (2mks)
9. State any two roles of an information system analyst (2mks)
10. State any three purposes of information system in an organization (3mks)
11. Define the term system development life cycle (SDLC) (1mk)
12. At what stage does the system change hand from the development stage to the users (1mk)
13. What is feasibility study as used in system development? (2mks)
14. State any three methods that can be used to gather information during system development (3mks)
15. State any two advantages of interviews over questionnaires (2mks)
16. Explain at least two factors that should be put into consideration during output design (2mks)
17. Explain why it is important to consider file backup and recovery strategies during file design (1mk)
18. Give one advantage of straight changeover over parallel changeover (1mk)
19. Explain the function of each of the following system flowchart symbols (3mks)
20. Why is observation sometimes disadvantage when used in fact finding (1mk)
21. Outline any two contents of a user manual that would help the user run the system with minimal guidance (2mks)
22. Define the term variable as used in programming (1mk)
23. Draw a flowchart for a program that would be used to solve the following equation (2mks)

F=9/5\*C + 32