COURSE CODE: CIT304
COURSE TITLE: DATA MANAGEMENT
CREDIT: 3 Units
TIME ALLOWED: 3Hours
INSTRUCTION: Answer Question 1 and ANY OTHER THREE questions.

Question 1. COMPULSORY (25 marks)
   a)
      i)   Enumerate the seven stages of the system development cycle. (7 marks)
      ii)   Briefly describe the data management cycle. (5 marks)
   b) List **six software for data analysis**. (6 marks)
   c) Identify seven (7) factors that can affect the effectiveness of a search for information (7 marks)

Question 2
   a)   Information system store data in media. Explain five (5) major media used for storing information system date (10 marks)
      b)   Distinguish between primary and secondary data. (5 marks)

Question 3
      a)   List five major sources of secondary data   (5 marks)
      b)   Write down five functions of a Data Policy manual.   (5 marks)
      c)   Briefly describe what the following are: (5 marks)
            i)   Primary Key
            ii) Foreign Key
            iii) Field data type
            iv) Crosstab Query
            v)   *The Join operation*

Question 4
      a)   Briefly describe each of the following Microsoft Access objects: (10 marks)
         i) table
         ii) query
         iii)form
         iv)report
         v) macro
      b) Describe five core activities associated with an information system. (5 marks)

Question 5
      a)
            i) State six (6) advantages of policy manual (6 marks)
            ii) Define a data policy (2 marks)
            iii)Write down five factors that can affect the effectiveness of a search. (7marks)

Question 6.
   a) Define the following: (8 marks)
      I) Data summarization
      Ii)Data transformation
      Iii) Data aggregation
      Iv) Data disaggregation
b.   Explain Information retrieval. (7 marks)