FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA

SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY

FIRST SEMESTER 2014/2015 EXAMINATION

COURSE CODE:	CIT 416
COURSE TITLE:	MANAGEMENT INFORMATION SYSTEM
CREDIT UNITS:	2 UNITS
TIME ALLOWED:	2 HOURS
COURSE LECTURER:	M. E. BIMA
NUMBER OF QUESTIONS:	3
NUMBER OF PAGES:	2 (INCLUDING THIS PAGE)

INSTRUCTIONS

- Answer all questions
- Do not use red pen
- Please use a clear handwriting
- This exam is closed book, closed notes, closed laptop and closed cell phone
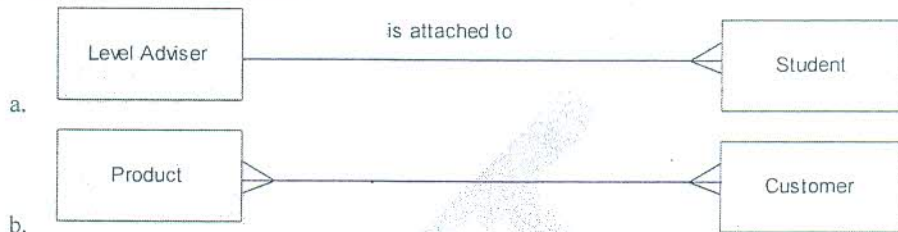- Please use non-programmable calculators only

QUESTION 1.

I.   What is Management Information System?

II.   Using a diagram, Outline the key activities in a Management Information System.

III.   Using a diagram, explain the relationship between Management Information System and Transaction
       Processing System.

IV.   List any 5 parts of an Information System.

QUESTION 2.

I.   Interpret the following E-R Diagrams

a.

b.

II.   What do you understand by the Normalization of R-Tables? Use diagrams and examples to explain.

III.   Transfer the following Entities to R-Tables

a.   b.

QUESTION 3.

I.   Explain the two main factors that affect decision making in an organization. Also give examples.

II.   What is Software Development Life Cycle (SDLC)? Explain any four methodologies you know using
       diagrams, examples and stating any limitations associated with it.