PAN AFRICA CHRISTIAN UNIVERSITY

BACHELORS OF INFORMATION COMMUNICATION TECHNOLOGY

END OF TERM EXAMINATION

DEPARTMENT:	**COMPUTING & INFORMATION TECHNOLOGY**
COURSE CODE:	**BIT 407**
CAMPUS:	**ROYSAMBU**
COURSE TITLE:	**BISINESS INTELLIGENCE AND ANALYTICS**
EXAM DATE:	**FRIDAY**
TIME:	**5:30PM – 8:30PM**

INSTRUCTIONS

- This exam carries a total of SIX Questions of [10 Marks Each]
- Section One (I) is compulsory.
- Answer any 3(Three) Questions from Section Two (II)
- Read all questions carefully before attempting.

Section ONE Compulsory

Question One

a) Describe Information systems Audit in the IT perspectives. **[2 marks]**

b) Your ABC Audit firm has been awarded a tender to participate in auditing Kenya's Independent Electoral & Boundaries Commission (IEBC) after the last concluded election. Discuss FOUR Key objectives that ABC firm would seek to accomplish.

[8 marks].

Section Two (II) Answer any 3 questions

Question Two.

a) Describe any THREE attributes of data or information that any Audit Process seeks to ensure that are maintained. **[6 marks]**

b) All audits follow a similar sequence of activities and may be divided into four stages: (Planning, collecting evidence, evaluating evidence and Communicating audit results, Discuss the metrics you would apply as an Auditor at the forementioned levels. **[4 marks]**

Question THREE 10 Marks:

a) Differentiate between sufficiency and competency of date as used in forensics audit investigations. **[4 marks]**

b) Interpret the following concepts as used in Audit Engagements. **[6 marks]**

   i. Materiality
   ii. Irregularities
   iii. Audit Staffing

Question FOUR 10 Marks:

Goodman & Lawless states that there are three specific systematic approaches to carry out an IT audit under the following classifications; Debate each of the TWO as listed below.

i. Technological innovation process audit. **[5 marks]**
ii. Innovative comparison audit. **[5 marks]**

Question Five 10 Marks:

Interpret any FIVE Major factors a Chief Audit Executive (CAE) and the internal audit team should consider in developing their audit plan. **[10 marks]**

Question Six 10 Marks:

Several IT governance frameworks exists to help any Chief Audit Executives (CAE's) and internal audit teams develop the most appropriate risk assessment approach for their organization.
Evaluate any TWO of the listed Most Known set frameworks you handled in your assignment case studies;

a) **COBIT,** **[5 marks]**
b) International Organization for Standardization's **(ISO's)** 27000 Standard series. **[5 marks]**

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