



(Knowledge for Development)

KIBABII UNIVERSITY

(KIBU)

UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR

SPECIAL/SUPPLEMENTARY EXAMINATIONS
YEAR THREE SEMESTER TWO

FOR THE DEGREE
(INFORMATION TECHNOLOGY)

COURSE CODE : BIT 325
COURSE TITLE : INFORMATION SECURITY
AND ASSURANCE II

DATE: 16/08/2023

TIME: 8.00AM-10.00 AM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

QUESTION ONE (COMPULSORY) [30 MARKS]

- (a) Explain where organization carry out audit [2 marks]
- (b) Explain risk based audit [4 marks]
- (c) List any two attributes of good auditor [2 marks]
- (d) State any four principles in digital forensic [4 marks]
- (e) Explain the role of expert in court of law [4 marks]
- (f) Explain how you can apply the scientific method in digital investigations [4 marks]
- (g) Discuss the assertion that no laws in Kenya governing computer crime [4 marks]
- (h) After carrying out an audit illustrate a typical report [6 marks]

QUESTION TWO [20 MARKS]

- (a) Explain how you would conduct an closing audit meeting in [6 marks]
- (b) Your have been contracted to carryout and ISMS audit in Kibabii University. Provide an audit plan to carry out the audit. [14 marks]

QUESTION THREE (20 MARK)

- (a) Based on the ISO 27001:2013 standard outline the basic attributes of the security policy should have. [6 marks]
- (b) Illustrate risk assessment process [14 marks]

QUESTION FOUR (20 MARKS)

- (a) Explain aspect of code conduct for professional that you know of. [6 marks]
- (b) Describe how you handle the scene of crime as first responder [6 marks]
- (c) Explain any four ways which computers can be used in crime [8 marks]

QUESTION FIVE (20 MARKS)

- (a) Describe how you could carry out digital forensic on hard disk [8 marks]
- (b) With aid of any three examples and based on the ISO 27001; 2013 explain the statement of applicability. [12 marks]