NATIONAL OPEN UNIVERSITY OF NIGERIA
DEPARTMENT OF CRIMINOLOGY & SECURITY STUDIES (CSS)
FACULTY OF SOCIAL SCIENCES
2020_1 Examination

COURSE CODE: CSS 343
COURSE TITLE: INFORMATION SYSTEM SECURITY MANAGEMENT
CREDIT UNITS: 3
TIME ALLOWED: 3 HOURS

INSTRUCTION: In all, answer four out of six of the questions. However, **question one (1) is compulsory and carries 25 marks**

1(a) What is information security? (10marks)
  (b) Describe the details of information security chain (15 marks)

2(a) Enumerate the ideal characteristics of System Requirements Specification (SRS) (5 marks)
  (b) Explain the assertion that a strategy should always be available for an analyst to gather information (10 marks)

3(a) Explain the concept 'Modularizing Requirements Specifications' (5 marks)
  (b) With appropriate illustration, explain the aims of organization's information security policy (10 marks)

4(a) Describe precautions or protection against computer viruses (5 marks)
  (b) Itemize and explain the different phases of system development life cycle (10 marks)

5(a) Illustrate the information pyramid with implication for system activities and organizational level (8 marks)
  (b) Identify the general requirements for storing data in databases (7 marks)

6(a) Identify the type of information that can be presented most effectively by graphical methods (7 marks)
  (b) Explain the type of information that can be provided through the Geographic Information System (GIS) (8 marks)