

## 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)