



**CRAWFORD UNIVERSITY, FAITH CITY IGBESA**  
**SCHOOL OF PART-TIME STUDIES**  
**DEPARTMENT OF COMPUTER AND MATHEMATICAL SCIENCES**  
**SESSION: 2021/2022    COURSE CODE: CSC 411**  
**COURSE TITLE: NET-CENTRIC COMPUTING**  
**UNITS: 3    TIME: 3 HOURS**

Answer **Four (4)** questions in all

**Question One**

- a. Mobile computing and wireless technology usage has grown tremendously in recent years. Explain How ? **5marks**
- b. List 8 differences between tightly coupled multiprocessor system and loosely coupled multiprocessor system. **5marks**
- c. Explain 5 advantages of workstation server model. **5marks**

**Question Two**

- a. Explain the various transparencies of a distributed system. **5 marks**
- b. Differentiate between time-sharing, parallel processing, network and distributed operating systems. **5 marks**
- c. What are the major issues in designing a Distributed OS?. **5 mark**

**Question Three**

- a. Explain the differences between remote procedure calls and local procedure calls. **5 marks**
- b. Mention 6 characteristic of a distributed system. **5 marks**
- c. State five (5) features of a good Naming System **5 mark**

**Question Four**

- a. Explain the difference between authentication and authorization using diagram **5 marks**
- b. What the advantages of SSL **5marks**
- c. What are the goals information security. **5 marks**

**Question Five**

- a. Differentiate between Risk , Threat and Vulnerability. **7 marks**
- b. Describe Cryptography details. **8 marks**

Moderated  
*[Signature]*  
23/02/22