



**CRAWFORD UNIVERSITY FAITH CITY IGBESA**  
**COLLEGE OF NATURAL AND APPLIED SCIENCES**

**DEPARTMENT OF COMPUTER AND MATHEMATICAL SCIENCES**

**RAIN SEMESTER EXAMINATION**

**COURSE CODE: ICT 212 COURSE TITLE: INTRODUCTION TO COMPUTER  
NETWORK**

**UNITS: 2**

**SESSION: 2020/2021**

**Instructions:**

- ❖ Use your matriculation number as the only means of identification on your answer script.
- ❖ ANSWER QUESTION ONE (1) AND ANY OTHER TWO (2) QUESTIONS IN THE THEORY SECTION
- ❖ 30 MARKS
- ❖ TIME ALLOWED 1½ HRS

**QUESTION ONE (20 MARKS)**

(a) Briefly Explain The Following Terms:

(i) Network Topology, (ii) Network Interface Controller(Nic), (iii) Repeaters, (iv) Network Bridge and (v) Network Switch

b) With The Aid Of Schematic Diagrams, Explain The Following Network Topologies Briefly: A) Ring Topology B) Star Topology C) Bus Topology

**QUESTION TWO (5 MARKS)**

(a) Give The Full Meaning Of The Following Acronyms: (I) ISO (II) IEEE (III) ANSI (IV) OSI

- (b) The OSI Model Has Some Benefits. State Five (5) Of It With A Brief Explanation Of Each

**QUESTION THREE (5 MARKS)**

- a) In 5g Technology, Discuss The Characteristics From 1g To 5g  
b) State Five Advantages Of 5g Wireless System And Two Application Areas

**QUESTION FOUR (5 MARKS)**

- (a) Discuss The Concept Of Storage Area Network In Terms Of Its Aim, Advantages And Disadvantages  
(b) Explain The Function Of Disk Array

**QUESTION FIVE (5 MARKS)**

- (a) Explain The Following: (i) IP (ii) Ipv6  
(b) Highlight And Explain The Process Of Ipv6 Generation Protocol