**KADUNA STATE UNIVERSITY**

**DEPARTMENT OF COMPUTER SCIENCE**

**CSC 203 Assignment**

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1. **What do you understand by encoding?**

In computers, encoding is the process of putting a sequence of characters (letters, numbers, punctuation, and certain symbols) into a specialized format for efficient transmission or storage. Decoding is the opposite process -- the conversion of an encoded format back into the original sequence of characters.

 In simpler terms, encoding refers to the way any character is understood “within” the computer for storage or transmission from one machine to another.

1. **Classify the following:**
2. Laptop
3. Mobile phone
4. Briefcase computer
5. Tablet
6. Notebook computer

Into any of general purpose computer or special purpose computer.

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| **Computer** | **Classification** |
| Laptop | General purpose computer |
| Mobile phones | General purpose computer |
| Tablet | General purpose computer |
| Briefcase computer | Special purpose computer |
| Notebook computer | Special and general purpose computer |