

*The City School*  
**North Nazimabad Boys Campus**



PRE-MOCK SYLLABUS OF COMPUTER SCIENCE (2210) FOR GRADE 11

17-Mar -2015 (Tuesday)

**Paper 1:**

1. Number system conversion
  - a. Binary conversions
  - b. Decimal conversions
  - c. Hexadecimal conversions
  
2. Data Security
  - a. Causes of data corruption
  - b. Data security techniques
  
3. Operating System
  - a. Task or functions of operating system
  - b. Types of interfaces (CUI,GUI,MDI)
  - c. Types of programming languages
  - d. Types of translator programs
  
4. Methods of error detection in data communication
  - a. Check digit
  - b. Parity check

**Paper 2:**

1. Pseudocode
2. Flow chart
3. Loops
4. Conditions
5. Arrays
6. Trace table
7. Validation and Verification checks
8. Database