

**PAKISTAN INTERNATIONAL SCHOOL, BURAI DAH**  
**SYLLABUS BREAKUP**

**Class: Four      Subject: Computer**

Number of Teaching Weeks in First Term: (1 - 14)

Number of Teaching Weeks in Second Term: (15 - 28)

**Name of Text Book: Computer Whiz An Introduction to Computers third edition**  
**By Sameena M. Haidermota**

| Week No. | Chapter No. | Article Name          | Day   | Topic                                | Book Page Numbers |
|----------|-------------|-----------------------|-------|--------------------------------------|-------------------|
| 1        | Chp 1       | Reviewing Computers   | Day 1 | Description of computer              | 2                 |
|          |             |                       | Day 2 | Kinds of computers                   | 3                 |
|          |             |                       | Day 3 | Supercomputers                       | 4                 |
|          |             |                       | Day 4 | Analog, Digital and Hybrid computers | 5                 |
| 2        | Chp 1       | Reviewing Computers   | Day 1 | Input and Output                     | 6                 |
|          |             |                       | Day 2 | Book Exercise                        | 7                 |
|          |             |                       | Day 3 | Input/Output Devices                 | 8                 |
|          |             |                       | Day 4 | Book Exercise                        | 9                 |
| 3        | Chp 1       | Reviewing Computers   | Day 1 | Question/Answers                     |                   |
|          |             |                       | Day 2 | Question/Answers                     |                   |
|          |             |                       | Day 3 | Worksheet                            |                   |
|          |             |                       | Day 4 | Worksheet                            |                   |
| 4        | Chp 2       | Pioneers of Computers | Day 1 | Blaise Pascal                        | 12                |
|          |             |                       | Day 2 | Gottfried Leibniz                    | 13                |
|          |             |                       | Day 3 | Charles Babbage                      | 14                |
|          |             |                       | Day 4 | Herman Hollerith                     | 15                |
| 5        | Chp 2       | Pioneers of Computers | Day 1 | Book Exercise                        | 16, 17            |
|          |             |                       | Day 2 | Question/Answers                     |                   |
|          |             |                       | Day 3 | Question/Answers                     |                   |
|          |             |                       | Day 4 | Worksheet                            |                   |

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|----------|----------------|--------------------------|-------|---|-------------------|
| 6        | Chp 2<br>Chp 3 | Pioneers of Computers    | Day 1 | Worksheet                                 |                   |
|          |                | About the CPU            | Day 2 | Introduction of CPU                       | 19                |
|          |                |                          | Day 3 | Components of CPU                         | 20                |
|          |                |                          | Day 4 | Book Exercise                             | 21                |
| 7        | Chp 3          | About the CPU            | Day 1 | Disk Drivers                              | 22                |
|          |                |                          | Day 2 | Book Exercise                             | 23, 24            |
|          |                |                          | Day 3 | Question/Answers                          |                   |
|          |                |                          | Day 4 | Question/Answers                          |                   |
| 8        | Chp 3<br>Chp 6 | About the CPU            | Day 1 | Worksheet                                 |                   |
|          |                |                          | Day 2 | Worksheet                                 |                   |
|          |                | Introducing Spreadsheets | Day 3 | Introduction of Spreadsheets              | 44                |
|          |                |                          | Day 4 | Parts of Spreadsheet                      | 45                |
| 9        | Chp 6          | Introducing Spreadsheets | Day 1 | Parts of Spreadsheet                      | 46                |
|          |                |                          | Day 2 | Parts of Spreadsheet                      | 47                |
|          |                |                          | Day 3 | Functions of Spreadsheet                  | 48                |
|          |                |                          | Day 4 | Functions of Spreadsheet                  | 49                |
| 10       | Chp 6          | Introducing Spreadsheets | Day 1 | Book Exercise                             | 50                |
|          |                |                          | Day 2 | Question/Answers                          |                   |
|          |                |                          | Day 3 | Question/Answers                          |                   |
|          |                |                          | Day 4 | Worksheet                                 |                   |
| 11       | Chp 6          | Introducing Spreadsheets | Day 1 | Worksheet                                 |                   |
|          |                |                          | Day 2 | Practical (Excel Opening and Saving file) |                   |
|          |                |                          | Day 3 | Practical (Excel parts and ranges)        |                   |
|          |                |                          | Day 4 | Practical (Excel Data Entry)              |                   |

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|----------|----------------|--------------------------|-------|---|-------------------|
| 12       | Chp 6          | Introducing Spreadsheets | Day 1 | Practical (Excel Select range and highlight)      |                   |
|          |                |                          | Day 2 | Practical (Excel Cell Range/Cell Address)         |                   |
|          |                |                          | Day 3 | Practical (Excel Create Charts)                   |                   |
|          |                |                          | Day 4 | Practical (Excel Modifications in data and chart) |                   |
| 13       | Revision       | Revision                 | Day 1 | Revision Chp 1                                    |                   |
|          |                |                          | Day 2 | Test Chp 1  |                   |
|          |                |                          | Day 3 | Revision Chp 2                                    |                   |
|          |                |                          | Day 4 | Test Chp 2  |                   |
| 14       | Revision       | Revision                 | Day 1 | Revision Chp 3                                    |                   |
|          |                |                          | Day 2 | Test Chp 3  |                   |
|          |                |                          | Day 3 | Revision Chp 6                                    |                   |
|          |                |                          | Day 4 | Test Chp 6  |                   |
| 15       | Chp 4          | Storing Data             | Day 1 | Kinds of Memory                                   | 27                |
|          |                |                          | Day 2 | Book Exercise                                     | 28                |
|          |                |                          | Day 3 | Kinds of Storage                                  | 29                |
|          |                |                          | Day 4 | Kinds of Storage                                  | 30                |
| 16       | Chp 4          | Storing Data             | Day 1 | Kinds of Storage                                  | 31                |
|          |                |                          | Day 2 | Book Exercise                                     | 32                |
|          |                |                          | Day 3 | Question/Answers                                  |                   |
|          |                |                          | Day 4 | Question/Answers                                  |                   |
| 17       | Chp 4<br>Chp 5 | Storing Data             | Day 1 | Worksheet   |                   |
|          |                |                          | Day 2 | Worksheet   |                   |
|          |                | Whiz through Software    | Day 3 | Introduction to Software                          | 35                |
|          |                |                          | Day 4 | Operating System                                  | 36                |

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|----------|----------------|-----------------------|-------|---------------------------------------|-------------------|
| 18       | Chp 5          | Whiz through Software | Day 1 | Application softwares                 | 37                |
|          |                |                       | Day 2 | Microsoft Excel                       | 38                |
|          |                |                       | Day 3 | Database management                   | 39                |
|          |                |                       | Day 4 | Web Browser                           | 40                |
| 19       | Chp 5          | Whiz through Software | Day 1 | Book Exercise                         | 41                |
|          |                |                       | Day 2 | Question/Answers                      |                   |
|          |                |                       | Day 3 | Question/Answers                      |                   |
|          |                |                       | Day 4 | Worksheet                             |                   |
| 20       | Chp 5<br>Chp 7 | Whiz through Software | Day 1 | Worksheet                             |                   |
|          |                | Programming Languages | Day 2 | Introduction to programs              | 53                |
|          |                |                       | Day 3 | Flow Chart                            | 54                |
|          |                |                       | Day 4 | Book Exercise                         | 55                |
| 21       | Chp 7          | Programming Languages | Day 1 | Computer Program                      | 56                |
|          |                |                       | Day 2 | Block diagrams                        | 58                |
|          |                |                       | Day 3 | Book Exercise                         | 58                |
|          |                |                       | Day 4 | Introduction to Programming languages | 59                |
| 22       | Chp 7          | Programming Languages | Day 1 | Book Exercise                         | 60                |
|          |                |                       | Day 2 | Question/Answers                      |                   |
|          |                |                       | Day 3 | Question/Answers                      |                   |
|          |                |                       | Day 4 | Worksheet                             |                   |
| 23       | Chp 7<br>Chp 8 | Programming Languages | Day 1 | Worksheet                             |                   |
|          |                | More on Multimedia    | Day 2 | Introduction to PowerPoint            | 63                |
|          |                |                       | Day 3 | Formatting in PP                      | 64, 65            |
|          |                |                       | Day 4 | Functions in PP                       | 65, 66            |

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|----------|----------------|--------------------|-------|---|-------------------|
| 24       | Chp 8          | More on Multimedia | Day 1 | Use of Designs and Transmissions and Animations | 67, 68            |
|          |                |                    | Day 2 | Book Exercise                                   | 68, 69            |
|          |                |                    | Day 3 | Question/Answers                                |                   |
|          |                |                    | Day 4 | Question/Answers                                |                   |
| 25       | Chp 8<br>Chp 9 | More on Multimedia | Day 1 | Worksheet                                       |                   |
|          |                |                    | Day 2 | Worksheet                                       |                   |
|          |                | Computer Networks  | Day 3 | Introduction to computer networks               | 72                |
|          |                |                    | Day 4 | Types of networks                               | 73, 74            |
| 26       | Chp 9          | Computer Networks  | Day 1 | Internet  | 75                |
|          |                |                    | Day 2 | World Wide Web (www)                            | 76                |
|          |                |                    | Day 3 | Email   | 77, 78            |
|          |                |                    | Day 4 | Creating email                                  | 78, 79            |
| 27       | Chp 9          | Computer Networks  | Day 1 | Book Exercise                                   |                   |
|          |                |                    | Day 2 | Question/Answers                                |                   |
|          |                |                    | Day 3 | Question/Answers                                |                   |
|          |                |                    | Day 4 | Worksheet                                       |                   |
| 28       | Revision       | Revision           | Day 1 | Revision  |                   |
|          |                |                    | Day 2 | Revision Test                                   |                   |
|          |                |                    | Day 3 | Revision  |                   |
|          |                |                    | Day 4 | Revision Test                                   |                   |