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| **Worksheet no.** | **Unit** | **Topic** |
| 1 | 2.1 Computer Architecture | Basic Hardware Components |
| 2 | 3.1 Problem Analysis | Problem Statements |
| 3 | 3.1 Problem Analysis | Modularity and Generalisation |
| 4 | 3.2 Algorithm Design | Flowcharts |
| 5 | 3.2 Algorithm Design | Pseudo-code |
| 6 | 3.2 Algorithm Design | Dry Runs, Trace Tables and Logic Errors |
| 7 | 4.1 Program Development | Python Syntax and Variables |
| 8 | 4.1 Program Development | Arithmetic and Relational Operators |
| 9 | 4.1 Program Development | Numeric Data Types |
| 10 | 4.1 Program Development | Strings and Input/Output |
| 11 | 4.1 Program Development | User-Defined Functions |
| 12 | 4.1 Program Development | Selection Statements |
| 13 | 4.1 Program Development | Loops |
| 14 | 4.1 Program Development | Data Validation, Test Cases, Program Errors, Debugging |
| 15 | 1.3 Ethical, Social and Economic Issues | Data Safety, Social and Economic Impacts, Ethical Issues |
| 16 | 1.2 Data Representation | Number Systems |
| 17 | 2.1 Computer Architecture | Boolean Logic and Logic Gates |
| 18 | 2.1 Computer Architecture | Logic Circuits and Truth Tables |
| 19 | 1.1 Data Management | Data Tabulation, Logical Functions |
| 20 | 1.1 Data Management | Math and Statistical Functions |
| 21 | 1.1 Data Management | Lookup, Date and Text Functions |
| 22 | 2.2 Data Communications | Networks |

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