**ECOECIS Terminal Planning**

**Khiarahani-8, Chitwan**

**Subject: Computer Science Terminal: 1st Terminal (60/2 days) Class: 6**

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| **S.no** | **Lesson** | **Objective** | **Possible Questions** |
| 1 | Introduction to computer | * Providing knowledge about fundamentals of computer * Advantages and disadvantages of computer * Features of computer * Areas and importance of computer | * What is computer? * What is IPO System? * What are the basic function of computer? * What are the advantages and disadvantages of computer? * What are the importance of computer in education, business and office area? |
| 2 | Introduction to hardware | * Knowledge of hardware and its types. * Different types of device that comes under types of hardware | * What is hardware? * What is input device? * What is output device? * What is processing device? * What is storage? * Example of input device, output device, storage and processing device. |
| 3 | Working with paint | * Simple shapes drawing * Merging shapes to create new shapes * Shortcut keys used in paint * Coloring the shapes |  |
| 4 | Introduction to internet | * What is internet? * What are the advantages of internet? * What are the problems that can arise using internet? * Terms of internet? * Overview history of internet. | * What is internet? * What are the advantages of internet? * What are the problems that can arise using internet? * Terms of internet? * Overview history of internet. |

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Subject Teacher Head of Secondary Level Head Teacher

**ECOECIS Terminal Planning**

**Khiarahani-8, Chitwan**

**Subject: Computer Terminal: 2nd Terminal (55/2days) Class: 6**

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| **S.no** | **Lesson** | **Objective** | **Possible Questions** |
| 1 | Basic introduction to Operating system | * Introduction to OS and its functions * Types of operating system | * What is an OS? Write its functions * What are the types of OS and describe them. |
| 2 | Typing tutor | * Teaching the overhand keys * How to improve typing |  |
|  | Multimedia and Its uses | * Introduction to multimedia * Elements of Multimedia * Multimedia system * Requirement for Multimedia system * Some multimedia tools | * What is multimedia? Write the elements of it. * What are use of multimedia in Education and business? * What are the advantages and disadvantages of multimedia? * What is multimedia system? * What are the requirements for multimedia system? |
| 3 | Computer software | * About software and its types | * What is software? * What are the types of software? * What is System software? Name its types * What is application software? Name its types * What are the functions of operating system? Mention any 4 of them. * What is language translator? Explain its types. |
| 4 | Microsoft Excel | * Introduction to MS- Excel * Editing data * Introducing tabs present in Excel * Use of formula, chart | * What is Excel or Spreadsheet software? * Mention its features. * What is cell? * What is cell reference? * Functions of Basic formula used in Excel |

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Subject Teacher Head of Secondary Level Head Teacher

**ECOECIS Terminal Planning**

**Khiarahani-8, Chitwan**

**Subject: Computer Terminal: 3rd Terminal (46/2 days) Class: 6**

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| **S.no** | **Lesson** | **Objective** | **Possible Questions** |
| 1 | ICT Tools and Cyber Ethics | * Introduction to ICT and Cyber ethics * Cyber crime and its example * Commandments | * Introduction to ICT and Cyber ethics * List any 5 Commandments of Computer use. * What are Cyber law and Cybercrime? * Mention any two cybercrime. |
| 2 | Computer Virus | * Introduction to virus * Types of virus * Effects of virus * Symptoms of virus * Preventive measure * Media through virus gets transferred * Introduction to antivirus * Functions of antivirus | * What is virus? * What are the symptoms of virus? * Writes its Preventive measures? * Explain the types of virus. * What is antivirus? Mention its function. * What is boot sector virus? Give an example. * What is file infecting virus? Name one. |
| 3 | Introduction to storage | * Knowledge of storage * Types of storage * Uses of memory * Technique used by memory to store data * Measurement of Memory | * What is storage? * Difference between RAM and ROM. * Difference between Primary and secondary memory * What is hard drive? * Why RAM is called Volatile memory? |
| 4 | Power Point Presentation | * Introduction to presentation software * Advantages and features of Presentation software * Tabs uses * Inserting different types of Multimedia components * Slide show, animation and transitions |  |

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Subject Teacher Head of Secondary Level Head Teacher

**ECOECIS Terminal Planning**

**Khiarahani-8, Chitwan**

**Subject: Computer Terminal: Final Terminal (47/2days) Class: 6**

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| **S.no** | **Lesson** | **Objective** | **Possible Questions** |
| 1 | Basic concept of programming language | * About program * About programming languages * Terms used in programming * Importance of programming | * What is program? * What is programming? * What is programming language? * What is syntax? |
| 2 | QBASIC Statement | * Understanding Qbasic programming and its features * Understanding basic elements of it * Understanding Basic code used to input and print values | Who is the developer of Qbasic Programming language?  Write a program to sum two numbers.  Write a program to calculate area of rectangle?  Write a program to calculate area of square?  Write a program to calculate Area of right angled triangle?  Write a program to convert kg into gram. |

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Subject Teacher Head of Secondary Level Head Teacher