LESSON PLAN

SUBJECT – COMPUTER APPLICATION (TH-1B)

PREPARED BY SAGARIKA SAHANI

SL. NO.	PERIODS	TOPIC	CHAPTER	SUB CHAPTER
1	Period-1	Computer Application	Computer organization	Introduction to Computer
2	Period-2	Computer Application	Computer organization	Evaluation of Computer
3	Period-3	Computer Application	Computer organization	Generation of Computer
4	Period-4	Computer Application	Computer organization	Classification of Computer
5	Period-5	Computer Application	Computer organization	Basic Organisation of Computer (Function Block Diagram). Input Device, CPU & Output Device.
6	Period-6	Computer Application	Computer organization	Input Device used in PC plat form
7	Period-7	Computer Application	Computer organization	Output device used in PC plat form
8	Period-8	Computer Application	Computer organization	Computer Memory & Classification of Memory.
9	Period-9	Computer Application	Computer Software	Software comp
10	Period-10	Computer Application	Computer Software	1) Over view of Operating system 2) Objectives and function of OS types of Operating System
11	Period-11	Computer Application	Computer Software	Type of Operating System
12	Period-12	Computer Application	Computer Software	Types of Operating System

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13	Period-13	Computer Application	Computer Software	DOS, Features of DOS, Commands
14	Period-14	Computer Application	Computer Software	UNIX Operating System
15	Period-15	Computer Application	Computer Software	Windows Operating System and Features of Windows
16	Period-16	Computer Application	Computer Software	Difference between DOS, Windows, UNIX
17	Period-17	Computer Application	Computer Software	Programming Language
18	Period-18	Computer Application	Computer Software	Compiler and Interpreter
19	Period-19	Computer Application	Computer Software	Computer VIRUS detection and prevention of VIRUS
20	Period-20	Computer Application	Computer Software	Application of computer in different domain
21	Period-21	Computer Application	Computer Network and Internet	Networking Concepts protocol of Network
22	Period-22	Computer Application	Computer Network and Internet	Communication mode. Types of cable
23	Period-23	Computer Application	Computer Network and Internet	Network Topology
24	Period-24	Computer Application	Computer Network and Internet	Networks. Types of Networks
25	Period-25	Computer Application	Computer Network and Internet	Networking devices like Hob, Repeater, Switch, Router, Gatway & NTe
26	Period-26	Computer Application	Computer Network and Internet	Different types of Internet connectivity and ISP

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27	Period-27	Computer Application	File Management and Data Management	Concept of File and Folder
28	Period-28	Computer Application	File Management and Data Management	File Access and storage methods sequential, direct, 75 AM
29	Period-29	Computer Application	File Management and Data Management	Data capture, Data Storage, Data processing, Data Retval
30	Period-30	Computer Application	Problem Solving Methodology	Algorithm examples, Algorithm.
31	Period-31	Computer Application	Problem Solving Methodology	Pseudo code and Flowchart examples of Flowchart
32	Period-32	Computer Application	Problem Solving Methodology	Generation of programming language
33	Period-33	Computer Application	Over view of C Programming Language	The C language points, Quick History of C
34	Period-34	Computer Application	Over view of C Programming Language	Contains, Types of containts
35	Period-35	Computer Application	Over view of C Programming Language	Variables, Declaration of variable
36	Period-36	Computer Application	Over view of C Programming Language	Data types

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37	Period-37	Computer Application	Over view of C Programming Language	Managing Input and output operations
38	Period-38	Computer Application	Over view of C Programming Language	Operations, Types of Operations
39	Period-39	Computer Application	Over view of C Programming Language	Expression, Type conversion and Typecasting
40	Period-40	Computer Application	Over view of C Programming Language	Decision Control Statements i.e. (if, if, else-if) statements with examples
41	Period-41	Computer Application	Over view of C Programming Language	Switch Case, conditional statements with examples
42	Period-42	Computer Application	Over view of C Programming Language	Looping, Types of Looping (while, do-while) loop with examples.
43	Period-43	Computer Application	Over view of C Programming Language	For loop with examples
44	Period-44	Computer Application	Over view of C Programming Language	Jumping statement (break, continue and go to) statements.
45	Period-45	Computer Application	Over view of C Programming Language	Programming Assignments using the above features
46	Period-46	Computer Application	Over view of C Programming Language	Some examples
47	Period-47	Computer Application	Advanced Features of C	Function. Function prototype declaration of function

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48	Period-48	Computer Application	Advanced Features of C	Recursion, call by value Function with examples.
49	Period-49	Computer Application	Advanced Features of C	Call by Reference with examples
50	Period-50	Computer Application	Advanced Features of C	Arrays. One- dimensional arrays with examples
51	Period-51	Computer Application	Advanced Features of C	Two – Dimensional arrays with examples
52	Period-52	Computer Application	Advanced Features of C	String. Operation
53	Period-53	Computer Application	Advanced Features of C	String operation
54	Period-54	Computer Application	Advanced Features of C	Pointers, How to use pointers ? Pointers expression and pointer Arithmetic programming.
55	Period-55	Computer Application	Advanced Features of C	Structure and Unions
56	Period-56	Computer Application	Advanced Features of C	Difference between Structures and Union
57	Period-57	Computer Application	Revision Class	Revision & Class Test
58	Period-58	Computer Application	Revision Class	Revision & Class Test
59	Period-59	Computer Application	Revision Class	Revision & Class Test
60	Period-60	Computer Application	Revision Class	Revision & Class Test

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