

Course Name: Campus Recruitment Training**Instructor: Krishna T**

DAYS	CHAPTER	CHAPTER	TOPIC	AUDIENCE
Day 1	Coding & Encoding	Storage Classes	Static, Global, Register	<i>for Placement Preparation</i>
Day 2	Coding & Encoding	Operators	Associativity, Precedence	<i>for Placement Preparation</i>
Day 3	Block Relations	Functions	Call by Value, Call by Reference	<i>for Placement Preparation</i>
Day 4	Directions	Functions	Recursion	<i>for Placement Preparation</i>
Day 5	Practice Session	Arrays	Row Major Order, Column Major Order	<i>for Placement Preparation</i>
Day 6	Clock, Calendar	Arrays	1 D Array, 2 D Array, Strings	<i>for Placement Preparation</i>
Day 7	Sequence & Series	Pointers	Function & Pointers	<i>for Placement Preparation</i>
Day 8	Simplifications	Pointers	Array & Pointers	<i>for Placement Preparation</i>
Day 9	LCM & HCF	Structures	Accessing Members, Union	<i>for Placement Preparation</i>
Day 10	Averages	Linked List	Insertion, Deletion into SLL	<i>for Placement Preparation</i>
Day 11	Averages	Linked List	Insertion, Deletion into DLL	<i>for Placement Preparation</i>
Day 12	Practice Session	Stack	Implementation	<i>for Placement Preparation</i>
Day 13	Ratio	Stack	Prefix, Infix, Postfix conversions	<i>for Placement Preparation</i>
Day 14	Time and Work	Queue	Single Ended Queue, Priority Queue	<i>for Placement Preparation</i>
Day 15	Time and Work	Queue	Circular Queue	<i>for Placement Preparation</i>
Day 16	Boats and Streams	Towers Of Hanoi	Movements, Function Calls	<i>for Placement Preparation</i>
Day 17	Time and Distance	Trees	Binary Tree, BST	<i>for Placement Preparation</i>
Day 18	Time and Distance	Trees	Tree Traversal	<i>for Placement Preparation</i>
Day 19	Practice Session	Trees	AVL Trees	<i>for Placement Preparation</i>
Day 20	Age	Time Complexity	Big Oh, Big Omega, Big Theta	<i>for Placement Preparation</i>

Day 21	Profit and Loss	Time Complexity	Iterative Algorithms Recursive Algorithms	<i>for Placement Preparation</i>
Day 22	Percentages	Time Complexity	Master Theorem	<i>for Placement Preparation</i>
Day 23	Practice Session	Sorting Algorithms	Selection Sort, Bubble Sort, Merge Sort	<i>for Placement Preparation</i>
Day 24	Permutation & Combinations	Sorting Algorithms	Insertion Sort, Quick Sort	<i>for Placement Preparation</i>
Day 25	Permutation & Combinations	Sorting Algorithms	Heap Sort	<i>for Placement Preparation</i>
Day 26	Probability	Greedy Method	MST, Kruskal, Prins Algorithms	<i>for Placement Preparation</i>
Day 27	Probability	Greedy Method	BFS and DFS, Optimal Merge	<i>for Placement Preparation</i>
Day 28	Practice Session	Greedy Method	Dijkstra Algorithm	<i>for Placement Preparation</i>
Day 29	Cubes & Dices	Dynamic Programming	Multistage Graph, All Pairs Shortest Path	<i>for Placement Preparation</i>
Day 30	Mixtures	Dynamic Programming	TSP, Matrix Chain Multiplication	<i>for Placement Preparation</i>
Day 31	Articles	Hashing	Direct Chaining, Linear Probing	<i>for Placement Preparation</i>
Day 32	Parts of Speech	ER Diagrams	Entity, Attributes	<i>for Placement Preparation</i>
Day 33	Parts of Speech	ER Diagrams	ER Components, Relationships	<i>for Placement Preparation</i>
Day 34	Tenses	Relational Model	Keys- PK, CK, SK	<i>for Placement Preparation</i>
Day 35	Tenses	Functional Dependencies	Foreign Key	<i>for Placement Preparation</i>
Day 36	Vocabulary	Functional Dependencies	Normalization	<i>for Placement Preparation</i>
Day 37	Vocabulary	Relational Algebra	Joins	<i>for Placement Preparation</i>
Day 38	Active & Passive Voice	SQL	Basic Queries, Aggregate Functions	<i>for Placement Preparation</i>
Day 39	Direct and Indirect Speech	SQL	Nested Queries, Group By	<i>for Placement Preparation</i>
Day 40	One Word Substitute	OOPS	Function Overloading, Class Scope, Constructors	<i>for Placement Preparation</i>
Day 41	Sentence Correction	OOPS	Inheritance, Polymorphism	<i>for Placement Preparation</i>
Day 42	Sentence Correction	Operating System	Process, Scheduling	<i>for Placement Preparation</i>

Day 43	Practice Session		Operating System	Synchronization techniques	<i>for Placement Preparation</i>
Day 44	Mock Interview		Computer Networks	IP Addressing, TCP & UDP	<i>for Placement Preparation</i>
Day 45	Mock Interview		Computer Networks	IP Addressing, TCP & UDP	<i>for Placement Preparation</i>

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