

KENDRIYA VIDYALAYA NHPC SINGTAM
Class XII - Revision Action Plan (Phase I) Layout

05.12.2019 to 21.12.2019

Subject – Computer Science New (083)

Day Sequence No.	Date	Day	<u>Chapter and Topics to be Covered</u>
Day 1	05.12.2019	Thursday	Python Revision Tour, Functions, Modules and Libraries in Python
Day 2	06.12.2019	Friday	Recursion
Day 3 – I	07.12.2019	Saturday	Algorithmic Efficiency
Day 3 - II	07.12.2019	Saturday	File Handling in Python
Day 4	09.12.2019	Monday	Data Visualization Using PyPlot
Day 5	10.12.2019	Tuesday	List, Stacks and Queues
Day 6	11.12.2019	Wednesday	Computer Networks – Structure of Network, Network Devices
Day 7	12.12.2019	Thursday	Computer Networks – Network tools and Network Stack
Day 8	13.12.2019	Friday	Computer Networks – Application Layer, Protocols, Applications
Day 9	16.12.2019	Monday	MySQL – Definitions and Syntaxes
Day 10	17.12.2019	Tuesday	MySQL – Queries along with aggregate functions
Day 11	18.12.2019	Wednesday	Django – Installing, Running, GET and POST methods
Day 12	19.12.2019	Thursday	Writing to CSV, Python MySQL connector
Day 13	20.12.2019	Friday	Society Law and Ethics - Intellectual Property Rights, Licensing, Privacy Laws
Day 14 – I	21.12.2019	Saturday	Society Law and Ethics – Indian IT Act, E-waste, Identity Theft, Gender and Disability Issues
Day 14 – II	21.12.2019	Saturday	Project Distribution, Winter Break Homework and Cross Analysis of Phase I Revision

Prepared By: Sachin, PGT (CS), Kendriya Vidyalaya NHPC Singtam, Sikkim

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Class XII - Revision Action Plan (Phase I) Layout

05.12.2019 to 21.12.2019

Subject – Informatics Practices New (065)

Day Sequence No.	Date	Day	<u>Chapter and Topics to be Covered</u>
Day 1	05.12.2019	Thursday	Numpy – 1D Array, 2D Array, Slices, joins, subsets
Day 2	06.12.2019	Friday	Numpy, Arithmetic operations, Covariance, Correlation, Linear Regression with PyPlot just basics
Day 3	07.12.2019	Saturday	Pandas – Min, Max, Mode, Mean, Count, Sum, Median, Quartile, Var, Histogram and quantiles
Day 4	09.12.2019	Monday	Pandas – Pivoting, Sorting, Aggregation, Reindexing and Altering Labels
Day 5	10.12.2019	Tuesday	Pandas – Pipe, Apply, Applymap, aggregation (group by), transform
Day 6	11.12.2019	Wednesday	Software Engineering – Introduction to S/W Engg, Waterfall model, Evolutionary model, Component Model
Day 7	12.12.2019	Thursday	Software Engineering - Incremental Model, Spiral Delivery Model, Process Activities
Day 8	13.12.2019	Friday	Software Engineering – Agile Methods, Business use-case diagrams, Version Control Systems
Day 9	16.12.2019	Monday	MySQL – Definitions and Syntaxes
Day 10	17.12.2019	Tuesday	MySQL – Queries along with aggregate functions
Day 11	18.12.2019	Wednesday	Django – Installing, Running, GET and POST methods
Day 12	19.12.2019	Thursday	Writing to CSV, Python MySQL connector
Day 13	20.12.2019	Friday	Society Law and Ethics - Intellectual Property Rights, Licensing, Privacy Laws, Indian IT Act, E-waste
Day 14	21.12.2019	Saturday	Society Law and Ethics – Identity Theft, Gender and Disability Issues, Issues with Internet, Case Studies