O. P. JINDAL SCHOOL, SAVITRINAGAR, TAMNAR

Annual Syllabus Break-up for the session 2023-2024

Subject: Computer Science (083)   Class: XII

Sl.	Month	No. of Instructional days	No. of periods	Chapters to be taught	Subject enrichment activities	Values to be imparted	Extra content to be taught
1	**April**	21	17	Ch-1 Python Revision Tour Ch-2 1 Python Revision Tour-II	**Assertion Reason Question** **Objective based questions** **Assignments** **Competency Based Questions** **Conversion Methods** **PPT's ,Videos, Quiz**	Already knows about the basics of Python Fundamentals but explored more snippets Learned the computational thinking to solve the output based questions	Practiced more code snippet from different reference books

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2	**June**	11	6	Ch-3 Working with functions	**Assertion Reason Question** **Objective based questions** **Type A,B and C** **Competency Based Questions (worksheets)** **Conversion Methods** **PPT's ,Videos, Quiz**	Awareness of different types of functions & various ways to pass parameters to the functions	Small project done on global & local variables

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3	**July**	23	19	Ch-4 Understanding Python Libraries Ch-5 File Handling	**Assertion Reason Question** **Objective based questions** **Type A,B and C** **Competency Based Questions (worksheets)** **Conversion Methods** **PPT's ,Videos, Quiz**	Knowledge of different libraries Creation of text, binary & CSV files Implementation of different methods on different files	Implement extra header files in code snippets like tkinter, web etc Extra programs on files

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4	**August**	23	19	Ch-9 Data Structure Ch- 10 Computer Networks - I	**Assertion Reason Question** **Objective based questions** **Type A,B and C** **Competency Based Questions (worksheets)** **Conversion Methods** **PPT's ,Videos, Quiz**	Knowledge of data structure & implementation of stack Knows about history of internet Awareness of several networks, components, network terminologies etc	Extra Stack application based snippet performed Project on network protocols

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5	**September**	12	8	Revision & Half Yearly Exam	-	-	-

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6	**October**	20	16	Ch -11 Computer Networks-II Ch 12- & 13 Relational databases & simple queries in SQL	**Assertion Reason Question** **Objective based questions** **Type A,B and C** **Competency Based Questions (worksheets)** **Conversion Methods** **PPT's ,Videos, Quiz**	Understand the concepts of components of network & transmission media(Building Block network analysis) Implementation of SQL queries	Videos & charts shown on the concept of Networking & its component

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7	**November**	13	10	Ch- 14 & 15 Table creation & Grouping records, joins in SQL Ch- 16 Interface Python with Mysql	**Assertion Reason Question** **Objective based questions** **Type A,B and C** **Competency Based Questions (worksheets)** **Conversion Methods** **PPT's ,Videos, Quiz**	Usage of different data types	Different snippet on various types of list and tuples

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8	**December**	19	16	Revision & PREBOARD – I	-	-	-

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9	January	22	16	Revision & PREBOARD – II	-	-	-

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10	February	15	6	Revision & BOARD EXAM	-	-	-

SYLLABUS FOR EXAMINATION

SN	EXAMINATION	EXAMINATION'S MONTHS	MAX MARKS	Max Time	SYLLABUS FOR EXAMINATION
1	TEST – 1	July	20	1 Hr	Ch 1 to 5
2	Half Yearly Examination	September	70	3 Hrs	Ch 1 to 5 & Ch 9 to 11
3	PRE BOARD-I	December	70	3 Hr	Full Syllabus
4	PRE BOARD-II	January	70	3 Hrs	Full Syllabus