Syllabus Indicator and Exam Portion
CBSE – 2023-24

Subject: Computer   **Grade: VII**

Ch. No.	Chapter Name	Subtopics	PT1 portion **Total Marks: 40** **Duration: 1 hr 30 minutes**
PHASE 1		
1	Computer System	• To understand the computer system • Difference between high-level language (HLL) and low-level language (LLL) • Advantages of a computer • What is a computer network? • Advantages of computer network • Types of computer network (LAN, WAN, MAN) • Ethics of using a computer	• To understand the computer system • Difference between high-level language (HLL) and low-level language (LLL) • Advantages of a computer • What is a computer network? • Advantages of computer network • Types of computer network (LAN, WAN, MAN) • Ethics of using a computer
2	HTML: Lists	• Features of HTML • Heading tags • Formatting tags • HTML Lists a. Ordered list b. Unordered list c. Nested list	• Advantages of a spreadsheet program • Excel 2016 • Data types in spreadsheet • Auto fill • Flash fill

Mount Litera
Zee School
Great School . Great Future

PHASE 2			
Ch. No.	Chapter Name	Subtopics	**HYE portion** **Total Marks: 40 Duration: 1 hr 30 minutes**
3	HTML: Images, Tables and Anchor	• Creating tables in a web page • Concept of anchors and links • To understand the concept of intra-file linking and inter-file linking • To make an image act like a hyperlink	• Creating tables in a web page • Concept of anchors and links • To understand the concept of intra-file linking and inter-file linking • To make an image act like a hyperlink
4	Cascading Style Sheet	• Quick revision of CSS – Features of CSS – Revision of styles – Some of the commonly used CSS styles: colour, background colour, font-family, font-size, border, border-style • <DIV > and <SPAN > tags • CSS Classes • CSS Styles: Background, margin, text, padding, font	• Quick revision of CSS – Features of CSS – Revision of styles – Some of the commonly used CSS styles: colour, background colour, font-family, font-size, border, border-style • <DIV > and <SPAN > tags • CSS Classes • CSS Styles: Background, margin, text, padding, font

Mount Litera
Zee School
Great School . Great Future

PHASE 3			
Ch. No.	Chapter Name	Subtopics	PT2 portion Total Marks: 40　　　　Duration: 1 hr 30 minutes
5	Operators in Python	• Introduction to Python • Quick revision of the Python commands done in class VI • Operators and their precedence • Arithmetic, Relational, Logical, membership, identity Operators	• Introduction to Python • Quick revision of the Python commands done in class VI • Operators and their precedence • Arithmetic, Relational, Logical, membership, identity Operators
6	Conditional statements	• What is a Conditional statement? • The if statement • The if …else statement • Different ways of writing conditional statement • The if… elif …else statement	• What is a Conditional statement? • The if statement • The if …else statement • Different ways of writing conditional statement • The if… elif …else statement

Mount Litera
Zee School
Great School . Great Future

	PHASE 4		
Ch. No.	Chapter Name	Subtopics	YE portion Total Marks: 40 Duration: 1 hr 30 minutes
7	Understanding AR and VR	• What is Augmented Reality? • Applications of Augmented Reality • Some commonly used Augmented Reality apps • What is Virtual Reality? • Applications of Virtual Reality • Difference between Augmented Reality and Virtual Reality	• What is Augmented Reality? • Applications of Augmented Reality • Some commonly used Augmented Reality apps • What is Virtual Reality? • Applications of Virtual Reality • Difference between Augmented Reality and Virtual Reality
8	Internet and Its Uses	• What is Internet? • The advantages of Internet • Hacking and ethical hacking • How is cracking different from hacking? • Difference between a hacker and a cracker • Digital Footprints	• What is Internet? • The advantages of Internet • Hacking and ethical hacking • How is cracking different from hacking? • Difference between a hacker and a cracker • Digital Footprints
9	GIMP	• What is GIMP? • How to download GIMP? • Main windows and its components • Common task in GIMP • Enhancing a photograph	• What is GIMP? • How to download GIMP? • Main windows and its components • Common task in GIMP • Enhancing a photograph

Mount Litera
Zee School
Great School . Great Future