

SYLLABUS INDICATOR AND EXAM PORTION
CBSE – 2024-25

Subject: Computer

Grade: VIII

PHASE 1			
Ch. No.	Chapter Name	Subtopics	PT1 Portion Total Marks: 40 Duration: 1 hr 30 minutes
1	Computer Networks	<ul style="list-style-type: none"> • Uses of computer networks • Types of computer networks • Network architecture • Topology and its types • To understand data transmission • Wired and wireless communication 	<ul style="list-style-type: none"> • Uses of computer networks • Types of computer networks • Network architecture • Topology and its types • To understand data transmission • Wired and wireless communication
2	Forms in HTML	<ul style="list-style-type: none"> • To understand the concept of <Form> tag. • To learn the three Interface Elements of the <Form> tag. • To know the attributes of the <Form> tag. • To learn all the different values of the type attribute of the <Input> tag • <Select> and its attributes • <Textarea> tag and its attributes 	<ul style="list-style-type: none"> • To understand the concept of <Form> tag. • To learn the three Interface Elements of the <Form> tag. • To know the attributes of the <Form> tag. • To learn all the different values of the type attribute of the <Input> tag • <Select> and its attributes • <Textarea> tag and its attributes
3	HTML: iframes	<ul style="list-style-type: none"> • Introduction to <iframe> tag • Styling iframe with CSS • How to use <iframe> tag 	<ul style="list-style-type: none"> • Introduction to <iframe> tag • Styling iframe with CSS • How to use <iframe> tag

PHASE 2			
Ch. No.	Chapter Name	Subtopics	HYE Portion (Theory)
			Total Marks: 40 Duration: 1 hr 30 minutes
4	Python Objects	<ul style="list-style-type: none"> • Quick revision of Python commands • Introduction of Python objects • Numeric data types • Iterables • Slicing 	<ul style="list-style-type: none"> • Quick revision of Python commands • Introduction of Python objects • Numeric data types • Iterables • Slicing
5	Python Loops	<ul style="list-style-type: none"> • What are loops? • Types of loops • for loop • range() function • while loop 	<ul style="list-style-type: none"> • What are loops? • Types of loops • for loop • range() function • while loop

Ch. No.	Chapter Name	Subtopics	HYE Portion (practical)
			Total Marks: 40 Duration: 1 hr 30 minutes
2	Forms in HTML	<ul style="list-style-type: none"> • To understand the concept of <Form> tag. • To learn the three Interface Elements of the <Form> tag. • To know the attributes of the <Form> tag. • To learn all the different values of the type attribute of the <Input> tag • <Select> and its attributes • <Textarea> tag and its attributes 	<ul style="list-style-type: none"> • To understand the concept of <Form> tag. • To learn the three Interface Elements of the <Form> tag. • To know the attributes of the <Form> tag. • To learn all the different values of the type attribute of the <Input> tag • <Select> and its attributes • <Textarea> tag and its attributes
3	HTML: iframes	<ul style="list-style-type: none"> • Introduction to <iframe> tag • Styling iframe with CSS • How to use <iframe> tag 	<ul style="list-style-type: none"> • Introduction to <iframe> tag • Styling iframe with CSS • How to use <iframe> tag
4	Python Objects	<ul style="list-style-type: none"> • Quick revision of Python commands • Introduction of Python objects • Numeric data types 	<ul style="list-style-type: none"> • Quick revision of Python commands • Introduction of Python objects • Numeric data types

		<ul style="list-style-type: none"> • Iterables • Slicing 	<ul style="list-style-type: none"> • Iterables • Slicing
5	Python Loops	<ul style="list-style-type: none"> • What are loops? • Types of loops • for loop • range() function • while loop 	<ul style="list-style-type: none"> • What are loops? • Types of loops • for loop • range() function • while loop

PHASE 3			
Ch. No.	Chapter Name	Subtopics	PT2 Portion Total Marks: 40 Duration: 1 hr 30 minutes
6	Access 2016	<ul style="list-style-type: none"> • Concept of data and information • Learning important features of Access • Introduction to different Data Types • Learning the main components of Access • Entering a data in a table • Learning to create queries and forms 	<ul style="list-style-type: none"> • Concept of data and information • Learning important features of Access • Introduction to different Data Types • Learning the main components of Access • Entering a data in a table • Learning to create queries and forms
7	Cloud Computing	<ul style="list-style-type: none"> • Introduction to cloud computing • Examples of companies providing cloud computing • Features of cloud computing • Types of cloud computing • Cloud services and models 	<ul style="list-style-type: none"> • Introduction to cloud computing • Examples of companies providing cloud computing • Features of cloud computing • Types of cloud computing • Cloud services and models

PHASE 4			
Ch. No.	Chapter Name	Subtopics	YE Portion (Theory)
			Total Marks: 40 Duration: 1 hr 30 minutes
8	Cyber Threats and Security	<ul style="list-style-type: none"> • Introduction to cyberattack and cybercrime • Different types of cybercrime • How to prevent cybercrime? 	<ul style="list-style-type: none"> • Introduction to cyberattack and cybercrime • Different types of cybercrime • How to prevent cybercrime?
9	Internet	<ul style="list-style-type: none"> • Introduction to Internet • Use of Internet in education • Social networking • Advantages of social media • Concept of app 	<ul style="list-style-type: none"> • Introduction to Internet • Use of Internet in education • Social networking • Advantages of social media • Concept of app

Ch. No.	Chapter Name	Subtopics	YE Portion (Practical)
			Total Marks: 40 Duration: 1 hr 30 minutes
6	Access 2016	<ul style="list-style-type: none"> • Concept of data and information • Learning important features of Access • Introduction to different Data Types • Learning the main components of Access • Entering a data in a table • Learning to create queries and forms 	<ul style="list-style-type: none"> • Concept of data and information • Learning important features of Access • Introduction to different Data Types • Learning the main components of Access • Entering a data in a table • Learning to create queries and forms

***Note: From AY 24–25, practical assessments will be conducted, twice a year at the end of each term, for Computers. The practicals will be based on the selected topics of each term.**