WEB APPLICATION (803)
SESSION-2019-20
JOB ROLE: Web Developer

The present course curriculum offers an opportunity for students to understand the basics of computer software and hardware for working efficiently on computer. A web application is a computer programme that allows you to log-in to a web address in order to submit and retrieve data to/from a database over the internet, these programmes are developed using web technologies such as HTML, CSS, JS etc.

Class XI (2019-20)

Total Marks: 100 (Theory-60+Practical-40)

SCHEME OF UNITS

This course is a planned sequence of instructions consisting of units meant for developing employability and vocational competencies of students of Class XI opting for vocational subject along with general education subjects. The unit-wise distribution of hours and marks for class XI is as follow:

	Web Application (803) Class XI (Session 2019-20)			
	Units	**No. of Periods for Theory and Practical 260**		**Max. Marks for Theory and Practical 100**
Part A	**Employability Skills**			
	Unit 1 : Communication Skills-IV	10		10
	Unit 2 : Self-Management Skills-IV	10		
	Unit 3 : Information and Communication Technology Skills-IV	10		
	Unit 4 : Entrepreneurial Skills-IV	15		
	Unit 5 : Green Skills-IV	05		
	Total	**50**		**10**
Part B		**Theory Periods**	**Practical Periods**	**Marks**
	Unit 1– Multimedia Authoring- Animation Tools.	10	25	10
	Unit 2 – Digital Content Creation- Adding Styles to Web Pages (CSS).	25	20	12
	Unit 3 – Web Scripting – Java Script	30	60	20
	Unit 4 – Work Integrated Learning IT – WA-I.	20	20	8

	Total	**85**	**125**	**50**
Part C	**Practical Work**			
	Practical Examination			15
	Written Test			10
	Viva Voce			05
	Total			**30**
Part D	**Project Work/Field Visit**			
	Practical File/ Student Portfolio			10
	Total			**10**
	Total Periods	**50+85+125=260**	**Total Marks**	**100**

Note:-Detailed Curriculum/ Topics to be covered under employability skill can be downloaded for CBSE website.

Part-B

Details of Units

	Unit Title	Total Marks
Unit-1	**Multimedia Authoring –Animation Tools** Animation Concepts. Frames and Layers. Motion and Shape, Tweening. Importing AV Files. Publishing.	10
Unit-2	**Digital Content Creation-Adding Styles to Web Pages(CSS)** Review of HTML Adding Style Sheets. External Style Sheets. External Style Sheets. CSS Properties-border, box, font, margin, padding. CSS classes.	12
Unit-3	**Web Scripting-Java Script.** Creating interactive Web Pages with scripts. Variables and Operators. *Decision making using if and switch. Iterations - loops. Window Object. Location Object.	20

	History Object. Popup Boxes – alert, confirm.	
Unit- 4	**Work Integrated Learning IT – WA-I.** Identification of Work Areas. Work Experience	**08**
	Total	**50**

Practical   **Marks: 40**

Details	Marks Distributions
Programs/Practical Questions. Animation Tools **(8 Marks)** HTML **(7 Marks)** Web Scripting-Java Script**(10 Marks)**	25
Project / Practical File	10
Viva Voce	05
Total	**40**