CBSE | DEPARTMENT OF SKILL EDUCATION

WEB APPLICATIONS (SUBJECT CODE - 803)

Blue-print for Sample Question Paper for Class XII (Session 2022-2023)

Max. Time: 3 Hours   **Max. Marks: 60**

PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Self-Management Skills- IV	2	2	4
2	ICT Skills- IV	2	1	3
3	Entrepreneurial Skills- IV	2	2	4
TOTAL QUESTIONS		**6**	**5**	**11**
NO. OF QUESTIONS TO BE ANSWERED		**Any 4**	**Any 3**	**07**
TOTAL MARKS		**1 x 4 = 4**	**2 x 3 = 6**	**10 MARKS**

PART B - SUBJECT SPECIFIC SKILLS (50 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANS. TYPE QUES.- I	SHORT ANS. TYPE QUES.- II	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
1	Movie Editing Tools	6	-	1	1	8
2	Customizing and Embedding Multimedia components in Web Pages:	10	1	-	1	12
3	Web Scripting – JavaScript:	9	3	1	3	16
4	Work Integrated Learning IT – WA-II:	7	1	1	-	9
TOTAL QUESTIONS		**32**	**5**	**3**	**5**	**45**
NO. OF QUESTIONS TO BE ANSWERED		**26**	**Any 3**	**Any 2**	**Any 3**	34
TOTAL MARKS		**1 x 26= 26**	**2 x 3 = 6**	**3 x 2 = 6**	**4 x 3 = 12**	**50 MARKS**

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Max. Time: 3 Hours   **Max. Marks: 60**

General Instructions:

- Please read the instructions carefully.

- This Question Paper consists of **24 questions** in two sections – Section A & Section B.

- Section A has Objective type questions whereas Section B contains Subjective type questions.

- **Out of the given (6 + 18 =) 24 questions, a candidate has to answer (6 + 11 =) 17 questions in the allotted (maximum) time of 3 hours.**

- All questions of a particular section must be attempted in the correct order.

- **SECTION A - OBJECTIVE TYPE QUESTIONS (30 MARKS):**

  i.   This section has 06 questions.

  ii.   There is no negative marking.

  iii. Do as per the instructions given.

  iv.   Marks allotted are mentioned against each question/part.

- **SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS):**

  i.   This section contains 18 questions.

  ii.   A candidate has to do 11 questions.

  iii. Do as per the instructions given.

  iv.   Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Q. 1	**Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)**	
i.	_____ is a state of feeling upset, annoyed and hopeless. a. Aggression b. Stress c. Happiness d. motivation	1
ii.	Reeta keeps detached and aloof, and is prone to introspection and fantasy. She shows little interest in forming personal relationships and seems to be emotionally cold. Identify the type of personality disorder.	1
iii.	Give examples of any two spreadsheet software	1
iv.	Name the term used to refer to an arrangement of cells in a horizontal (sleeping) manner in OpenOfficeCalc.	1
v.	Who are Service Entrepreneurs.	1
vi.	Explain any two roles/ functions of an entrepreneur.	1

Q. 2	**Answer any 5 out of the given 7 questions (1 x 5 = 5 marks)**	
i.	VirtualDub lacks _____ power of a general purpose editor .	1
ii.	While creating a movie, credits should be added at the _____ of a movie .	1
iii.	_____ a single package which bundles all free software from DVDVideoSoft to work with DVD.	1
iv.	.ps image files are _____ graphics file format.	1
v.	An FLC is an Autodesk Flick movie and is a _____ series of frames. a. processed, uncompressed b. raw, uncompressed c. raw, compressed d. processed, compressed	1
vi.	Krishh has written following code to display an object with name "controller" . his senior has instructed to rewrite the code so that the object controller is not displayed in the browser. <param name="controller" value="true" />	1
vii.	Only _____ supports the <object> tag for sound. a. Google chrome b. Safari c. Netscape d. Microsoft internet explorer	1

Q. 3	**Answer any 6 out of the given 7 questions (1 x 6 = 6 marks)**	
i.	Name the default view in Movie maker.	**1**
ii.	_____ can create 2D & 3D special effects and can work in two modes – as a standalone application and as a "plug-in" : a. MovieStorm b. AVITrimmer c. Wax d. Cinefx Jashaka	**1**
iii.	Give examples of any two multimedia elements	**1**
iv.	Brij wants to run the sound file again and again forever. Which of the following attribute of Embed command should be set to True to do so? a. Autostart b. Src c. Loop d. Align	**1**
v.	The new_____ tag in HTML5 markup allows web developers to add videos into a web page without any special plugins.	**1**
vi.	If we don't want to outsource video hosting to third-party websites, it's possible to make a video web-ready with the help of _____from Freemake.com.	**1**
vii.	Free Video Coding is an online service which helps us to create a _____ a. images b. web video player c. sound d. space	**1**

Q. 4	**Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)**	
i.	Windows Movie Maker is a feature of _____ that enables us to create home movies and slide shows on our computer, complete with professional-looking titles, transitions, effects, music, and even narration.. a. Windows Vista b. Android c. IoS d. Mac	**1**
ii.	_____ is a wizard program for Windows and Mac that helps users easily insert video to the website or blog, in a few clicks without writing a single line of code. a. Oembed b. Video LightBox c. Freemake Video Converter d. Vimeo	**1**
iii.	JavaScript allows reusability feature by calling a function with an arbitrary array of arguments, using the _____method of any function object.	**1**

iv.	Expand the term DOM	1
v.	What is the output of the following code snippet: document.write(Math.round (8.789));	1
vi.	What is the output of the following code snippet: document.write(isFinite(Infinity));	1

Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	Expand the term NaN in JavaScript.	1
ii.	Which operator in JavaScript tells the data type of a variable.	1

iii.	Predict the output of following code snippet in JavaScript:
	`<script>`
	`x=42%2;`
	`switch(x)`
	`{  case 0: document.write("Zero");`
	`    case 1: document.write("One");`
	`}`
		1

iv.	Identify the type of operators given below : ~, =	1

v.	Consider the code and predict value of variable d :
	var x=2;
	var d=(x%2)?1:0;
		1

vi.	What is Intellisense?	1

Q. 6	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	Search engines crawl a website and hence referred to as _____	1
ii.	Search engines index various components of a web page . Give names of any two components.	1
iii.	Expand the term SEO	1
iv.	Give any one method used by web hosting providers to upload a website.	1
v.	Once a website is published, it is available_____ for its visitors for view. a. for one day b. for one hour c. for 5 hours only d. 24X7 (all the time)	1
vi.	Name any two web authoring tools Ans Kompozer, Dreamweaver	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)

Answer each question in 20 – 30 words.

Q. 7	Pranav's brother is a student and is having a careless approach in whatever he does. Mention and explain any two techniques to help him maintain a positive outlook in the long run. Give any two benefits of positive personality	2
Q. 8	Explain two ways to become result oriented.	2
Q. 9	Give any two advanced features of presentation	2
Q. 10	Give any two characteristics of entrepreneurship.	2
Q. 11	Give any two qualities of a successful entrepreneur.	2

Answer any 3 out of the given 5 questions in 20 – 30 words each (2 x 3 = 6 marks)

Q. 12	Vidit has to embed a media file "grows.mp3" in his web page. He wants that the file should start running as soon as the web page is loaded and should play till the web page is viewed. He don't wants to display the controls on the web page. Consider the following code and write appropriate values in the blanks : <EMBED SRC="_____ " HIDDEN="_____" AUTOSTART="_____" LOOP="_____" Height=145 width=160></EMBED>	2
Q. 13	Give any two features of JavaScript.	2
Q. 14	Explain random function in JavaScript with example.	2
Q. 15	Explain the term Snippets. Explain some uses of snippets	2
Q. 16	What is Datatype? Which inbuilt JavaScript function converts a string into an integer.	2

Answer any 2 out of the given 3 questions in 30– 50 words each (3 x 2 = 6 marks)

Q. 17	**Explain three types of panes in Windows Movie Maker.**	3
Q. 18	Write a code snippet in JavaScript to declare a variable salary with value 10000.00 and display salary and bonus (5% of salary).	3
Q. 19	i) Explain the term : Addins ii) Give any one features of DWT. iii) Explain the term web package	3

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

Q. 20	Roshan is preparing movie using Windows Movie Maker. He is using several files like hello.mpe, morning.aif, smile.gif and sunrise.tiff i) Identify the type of each file being used. ii) Name the option that will help him see the movie before publishing. iii) Give the default extension of a windows movie maker file.	**4**
Q. 21	Mishit is preparing website to promote his business. He wants to add animation, graphics and sound to make his website more attractive for achieving increased number of customers in the market. Answer the following questions to help him : a. Give any one advantage and disadvantage of adding multimedia elements to the web page. b. Give any one browser that supports multimedia elements. c. Name the tag to include sound in the webpage and works only with IE	**4**
Q. 22	Write a function in JavaScript that returns the average of any number of integer arguments passed to it.	**4**

Q. 23	Consider the following code:
	var fruits = ["Apple", "Mangoes", "Orange", "Banana"];
	 Write command in JavaScript to :
	a. add an item "Guava " to the array fruits in the last.
	b. remove first element from the array.
	c. display number of elements in the array.
	d. add following array to an array "fruits".
	var veg=["Potato", "Brinjal", "Gourd"];
		4

Q. 24	Declare a function 'stringsinjava' in JavaScript to accept two strings arguments. The function should - Convert both the strings to uppercase - Search for string1 in string2 and display the string if found. - Replace all occurrences of letter 'A' with ' * ' in string1. - Display first character of string2.	**4**