

CBSE | DEPARTMENT OF SKILL EDUCATION

WEB APPLICATION (SUBJECT CODE 803)

Blue-print for Sample Question Paper for Class XII (Session 2020-2021)

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	Communication Skills-IV	1	1	2
2	Self-Management Skills-IV	2	1	3
3	Information and Communication Technology Skills-IV	1	1	2
4	Entrepreneurial Skills-IV	1	1	2
5	Green Skills-IV	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	
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	
UNIT-1	Movie Editing Tools	5	1	1	1	8
UNIT-2	Customizing and Embedding Multimedia Components in Web Pages	10	1		1	14
UNIT-3	Web Scripting – Java Script	12	1	2	3	16
UNIT-4	Work Integrated Learning IT– WA-II	5	2			
TOTAL QUESTIONS		32	5	3	5	45
NO. OF QUESTIONS TO BE ANSWERED		26	Any 3	Any 2	Any 3	
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:

1. Please read the instructions carefully.
2. This Question Paper consists of **24 questions** in two sections – Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **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.**
5. All questions of a particular section must be attempted in the correct order.
6. **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.
7. **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.	Mr. Mahesh is telling a story to all his students. He made it an interesting activity by involving all the students. Identify the skill being developed by the teacher in students: 1. Problem solving b) Active listening c) Trust building d) Writing Skills	1
ii.	_____ is relatively enduring set of traits. a) Loyalty b) Dreamer c) Personality d) Creativity	1
iii.	Janvi is feeling extremely nervous and worried because she believes that other people do not like her or are trying to harm her. Identify the personality disorder from the following: a) Anti-Social b) Schizoid c) Paranoid d) Narcissistic .doc	1
iv.	Extension of an OpenOffice Calc file is _____ a) .doc b) .odx c) .ODP d) .odc	1
v.	Entrepreneurial behavior requires certain knowledge, skills or personality profile and it is called as a) Fear of failure b) Entrepreneurial Competence c) Entrepreneurial Capacity d) Entrepreneurial Training	1
vi.	RWHS stands for _____ a) Reduce Water Harvest System b) Rain Water Harvesting System b) Rain with Harvest System d) Reuse Water for Harvest System	1

Q. 2	Answer any 5 out of the given 7 questions (1 x 5 = 5 marks)	
i	Which one of the following is not a feature of movie editing tool a) Video filters b) Image transitions c) Text d) Image transfer	1

ii	<p>_____ is a video capture/processing utility for 32-bit and 64-bit Windows platforms (98/ME/NT4/2000/XP/Vista/7)</p> <p>a) Adobe b) Virtual Dub c) Windows Movie Maker d) T@b Zs4</p>	1
iii	<p>_____ is an offline playback, editing, encoding, animation and visual effects tool based on the Jahshaka technology that allows you to create professional digital media on your desktop.</p> <p>a) Adobe b) Windows Movie Maker c) Cinefx d) Wax</p>	1
iv	<p>Blender is the free open source 3D content creation suite, available for all major operating systems under the _____.</p> <p>a) GNU General Public License b) Proprietary License c) Unix License d) Public License</p>	1
v	<p>_____ is the complete 3D movie making software application for all abilities.</p> <p>a) PowerPoint b) Document Writer c) Movie Storm d) PaintBrush</p>	1
vi	<p>_____ is the media that uses multiple forms of information content and information processing</p> <p>a) Multimedia b) Image c) Audio d) Light</p>	1
vii	<p>The term "rich media" is synonymous for _____</p> <p>a) Audio/sound b) Broadcasting c) Multimedia d) Interactive multimedia</p>	1

Q. 3	Answer any 6 out of the given 7 questions (1 x 6 = 6 marks)	
i	The most common way to discover the type of a file, is to look at the _____ a) File name b) File extension c) Directory of file d) File size	1
ii	swf, .wav, .mp3, and .mp4 are examples of _____ a) Image files b) Document files c) Movie/ multimedia files d) Deleted files	1
iii	A _____ is one composed of a field of pixels, each characterized by a color, and is usually created in paint programs a) 3-d image b) Raster Image c) Vector Image d) Curved image	1
iv	_____ is an example of lossless image file format. a) GIF b) Jpeg c) jpg d) jfif	1
v	A _____ file is a standard Macintosh image file format and can be either a raster image or a vector image, depending on the program that created it. a) Bmp b) Jpeg c) Pdf d) Pict	1
vi	MIDI is an acronym for _____ a) Musical Instrument Digital Interface b) Music Incorporated digital Interface c) Musical Instruction Digital Interlace d) Media Interactive Digitalized Instrument	1
vii	_____ 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) HTML b) Video LightBox c) PaintBrush d) Window Movie Maker	

Q. 4	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	The _____ tag is the web standard for embedding content on to a web page a) <p> b) <object> c) <html> d) <content>	1
ii	Identify the statement that is false with respect to JavaScript: a) JavaScript is Object Oriented programming language. b) JavaScript function can accept another function as a parameter c) It is possible to instantiate the defined object types to create object instances in JavaScript d) The users cannot use JavaScript to add multimedia elements	1
iii	In JavaScript, objects are just collections of _____ pairs. a) Variable name b) Name-value c) Integer-string d) Value value	1
iv	DOM stands for _____ a) Document Of model b) Document object Model c) Defined objects Model d) Definite Object Model	1
v	_____ tag alerts browser about the scripting language JavaScript a) <Head> b) <Body> c) <Script> d) <language>	1
vi	!=, <, >, >= are examples of a) Arithmetic operators b) Bitwise Operators c) Logical Operators d) Relational Operator	1

Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	Extension of JavaScript files is _____ a) .html b) .js c) .jsc d) .java	1
ii	_____ is called as Bitwise Shift Right with Zero Operator, the bits shifted in on the left are always zero. a) << b) <<< c) >>> d) >>	1
iii	A _____ is a classification of the type of data that a variable or object can hold. a) Datatype b) Number c) Variable d) Object	1
iv	Numbers in JavaScript are double-precision _____. a) 16 bit format b) 32 bit format c) 8 bit format d) 64 bit format	1
v	Built-in object called _____ is used to handle more advanced mathematical functions and constants. a) Calculus b) Maths c) math d) Sum	1
vi	_____ is used to convert string to integer a) Integer() b) ParseInt() c) parseInt() d) Stringtoint()	1

Q. 6	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	Output of the following would be <pre>parseInt("011",8)</pre> <ul style="list-style-type: none"> a) 3 b) 9 c) 11 d) 2 	1
ii	_____ is the extension for Photoshop files. <ul style="list-style-type: none"> a) .pds b) .pdf c) .psd d) .psf 	1
iii	_____ are the special effects that can be applied to a web page just like any presentation software. <ul style="list-style-type: none"> a) Page Transition b) Image transposition c) Image manipulation d) Formatting 	1
iv	DWT stands for _____ <ul style="list-style-type: none"> a) Dynamic Website Transition b) Dynamic Website Template c) Dynamic Web Template d) Dynamically Working Template 	1
v	Consider the two statements <ul style="list-style-type: none"> i) When you update the DWT, all web pages in the website are automatically updated to changes. ii) You can create multiple DWT and keep changing just the template that affects the entire website. Select the correct option from the following : <ul style="list-style-type: none"> a) Only statement i) is correct b) Only statement ii) is correct c) Both statements are correct d) Both statements are wrong 	1
vi	SEO stands for <ul style="list-style-type: none"> a) Search Entire Organization b) Sort Entire Optimizer c) Search Engine Optimization d) Strong Engine Optimization 	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	Explain any preposition phrase and noun phrase with example	2
Q. 8	Explain any two sources of motivation and inspiration.	2
Q. 9	Mohit has to prepare a report of data of sales. The data sheet is prepared in Open Office Calc. He has to select data from various zones and then has to display data in an order. Explain features of Calc that will help him arrange data in an order. Also suggest an appropriate function in Calc to view the highest sales in a zone.	2
Q. 10	Explain any two competencies that can be developed through training, experience and guidance in a budding entrepreneur	2
Q. 11	Explain the role of green jobs in i) Improving energy and raw material use ii) Limiting greenhouse gas emission	2

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

Q. 12	WAX can create Special effects and can work in two modes. Explain the two modes.	
Q. 13	Explain any two advantages of using multimedia files on web pages	2
Q. 14	Sunil has written following code to store subjects in an array and display the total number of subjects in the array. His code is not running properly. Identify and underline the syntax errors in the following code and write the corrected code: function countsubs() { Var Subject = ["Eng", "Math", "Science", "Hindi"]; Document.write (subject.length) }	2
Q. 15	Explain the term Add-ins and Snippets.	2
Q. 16	Explain Kompozer and Dreamweaver as a web authoring tool.	2

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

Q. 17	Explain the three panes of the Windows Movie Maker.	3
Q. 18	Explain the following functions with respect to JavaScript: a) Substring b) Concat() c) Shift()	3
Q. 19	Write a function in JavaScript which accept three numbers as arguments and display the greatest number	3

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

<p>Q. 20</p>	<p>i) Differentiate between splitting and trimming a movie clip in Movie Maker.</p> <p>ii) Explain StoryBoard and Timeline view in Windows Movie Maker.</p>	<p>4</p>
<p>Q. 21</p>	<p>Shivani has to include an audio file in her web page repeatedly. Help her by explaining the use of embed tag. Describe the attributes in embed tag to set an audio file, set its size and run the file repeatedly.</p>	<p>4</p>
<p>Q. 22</p>	<p>Write a program in JavaScript to</p> <ul style="list-style-type: none"> - Accept first name and last name from the user. - Display number of characters in his first name - Display current date, his name as initial letter of first name and complete last name (hint: it should display K. Kumar for name Krishan Kumar) 	<p>4</p>
<p>Q. 23</p>	<p>a) Write a program in JavaScript to display a week day randomly from the array of days of week given below: dow=["Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday", "Sunday"] (2)</p> <p>b) Write code in JavaScript to accept a string from the user and display the first occurrence of word "good" in the entered string. (2)</p>	<p>4</p>
<p>Q. 24</p>	<p>Predict output of the following : (2+2)</p> <p>a) <code><html><body><script ></code> <code> n =20;</code> <code> m = n>>2;</code> <code> x=n<<2;</code> <code> document.write("value after right shift is : ", m,);</code> <code> document.write("
 value after left shift is : ", x);</code> <code></script></body></html></code></p> <p>b) Write code snippets in JavaScript to accept height of 5 students in an array and display the tallest and the smallest height of student.</p>	<p>4</p>