CBSE | DEPARTMENT OF SKILL EDUCATION

WEB APPLICATIONS (SUBJECT CODE : 803)

Max. Time Allowed: 1 ½ Hours (90 min)   **Max. Marks: 30**

General Instructions:

1.   Please read the instructions carefully

2.   This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.

3.   Section A is of 05 marks and has 06 questions on Employability Skills.

   a) Questions numbers 1 to 4 are one mark questions. Attempt any three questions.

   b)   Questions numbers 05 and 06 are two marks questions. Attempt any one question.

4.   Section B is of 17 marks and has 16 questions on Subject specific Skills.

   a)   Questions numbers 7 to 13 are one mark questions. Attempt any five questions.

   b)   Questions numbers 14 to 18 are two marks questions. Attempt any three questions.

5.   Section C is of 08 marks and has 03 competency-based questions.

   a)   Questions numbers 19 to 21 are four marks questions. Attempt any two questions.

6.   Do as per the instructions given in the respective sections.

7.   Marks allotted are mentioned against each section/question.

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SECTION A   **(3 + 2 = 5 marks)**

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Answer any 03 questions out of the given 04 questions	1 x 3 = 3
Q.1 Ans Personal values	**1**
Q.2 Ans : Vision	**1**
Q.3 Ans : Biological economy	**1**
Q.4 Ans : The Wildlife Protection Act	**1**

Answer any 01 question out of the given 02 questions	1 x 2 = 2
Q.5 Ans : Two principles : Customer Need An idea should serve the customer's need or demand Innovative Innovative means new methods or original ideas.	**2**
Q.6 Ans : Two components are : Renewable Energy: Renewable Energy is the energy produced by the renewable sources. Green Transport: With the advancement in technology, there are now alternates to conventional transportation that used to run on petrol or diesel.	**2**

SECTION B   (5 + 6 + 6 = 17 marks)

Answer any 05 questions out of the given 07 questions	1 x 5 = 5
Q.7 Ans ; Patterns	1
Q.8 Ans : Intelligent Scissors	1
Q.9 Ans : Crop tool	1
Q.10 Ans : Gradients	1
Q.11 Ans :Brendan Eich	1
Q.12 Ans : Dynamic HTML	1
Q.13 Ans : Dreamweaver	1

Answer any 03 questions out of the given 05 questions	2 x 3 = 6
Q.14	Ans : Two selection tools in GIMP are : - Rectangle: It selects square or rectangular regions - Ellipse: It selects cir cular or elliptical regions.	2
Q.15	Ans Two modes :- - Replace mode will cause existing selection is replaced by new selection. - Add mode will cause new selection to be added to existing selection	2
Q.16	Ans : The main advantage of Lasso is that it can be used to select arbitrarily number of complex objects. The disadvantage is that it is difficult to use this tool for precision work as it is dependent on mouse clicks	2
Q.17	Ans : two applications of JavaScript are : 1. Create Pages Dynamically: based on the user's choice, JavaScript can generate pages that are customized by the user. 2. Interact with the user: JavaScript can do some processing of forms and can validate user input when the user submits the form. .	2
Q.18	Ans : there are two kind of comments in JavaScript: Single line and Multi line comments. 1. single line comment begins with two forward slashes // this is a single line comment 2. Multiline comments begin with /* and ends with */ e.g., /* this is a multiline comment and may continue across multiple lines */ comments are ignored by the interpreter and are not executed.	2

Answer any 02 questions out of the given 04 questions	3 x 2 = 6
Q.19 Ans : a) Contiguous: To select a contiguous area of color strokes. b) Interactive refinement: To handle settings for the brush c) Smoothing : To control the smoothness of selection	3
Q.20 Ans : a. Fuzzy Select is a color based tool. Fuzzy selection (also called 'magic wand') is used for selecting areas in an image with the similar color component b. Bucket Fill: It fills an area with a selected color or pattern c. Perspective Clone : It clones from an image source after applying the perspective transformation	3
Q.21 Ans : a. src: It defines the address of the external file which can be absolute or relative URL b. type: Define the MIME-type of the script. c. charset: Define the character encoding of the external JavaScript file	3
Q.22 Ans : a. s= x+y b. Math.sqrt(x) c. typeof(n)	3

Answer any 02 questions out of the given 03 questions		
Q.23	Ans : a. Smudge tool is used for smearing color pixels on a selected layer. Smudging is used to soften color transitions, make the image blurry, hide objects, and to create textures. smudge b. Handle Transformation Tool: This tool allows you to apply moving, rotating, shearing, perspective and scaling corrections using handles placed on canvas. c. Color Picker Tool is used to select a color from an image opened on the screen, by clicking on the particular color of the image d. Distort Filter Emboss : It simulates embossing on the image. It sets azimuth (lighting component), elevation and depth of an image using option settings.	4
Q.24	Ans : 1. document.write(str1.length); 2. document.write(str1.search("world")); 3. document.write("@@^^"+str1+"^^@@"); 4. str.substring(4,12)	4

Q.25	Ans :
	
	 a. 13
	 b. 16
	 c. @
	    @
	    @
	    @
	 d. The number is 1
	    The number is 2
	    The number is 4
	    The number is 5
		4