CBSE | DEPARTMENT OF SKILL EDUCATION
WEB APPLICATIONS (SUBJECT CODE : 803)

CLASS XI (SESSION 2021-2022)
BLUE-PRINT FOR SAMPLE QUESTION PAPER FOR TERM - II

Max. Time Allowed: 1½ Hours (90 min)   **Max. Marks: 30**

PART A - EMPLOYABILITY SKILLS (05 MARKS):

UNIT NO.	NAME OF THE UNIT	NO. OF QUESTIONS - VSA (1 MARK EACH)	NO. OF QUESTIONS - SA (2 MARKS EACH)	NO. OF QUESTIONS – LA (4 MARKS EACH)	TOTAL NUMBER OF QUESTIONS
1	Entrepreneurial Skills-IV	2	1	-	3
2	Green Skills-IV	2	1	-	3
TOTAL QUESTIONS		**4**	**2**	**-**	**06**
NO. OF QUESTIONS TO BE ANSWERED		**Any 3**	**Any 1**	**-**	**04**
TOTAL MARKS		**3 x 1 = 3 Marks**	**1 x 2 = 2 Marks**	**-**	**05 Marks**

PART B - SUBJECT SPECIFIC SKILLS (25 MARKS):

UNIT NO.	NAME OF THE UNIT	NO. OF QUESTIONS - VSA (1 MARK EACH)	NO. OF QUESTIONS – SA - I (2 MARKS EACH)	NO. OF QUESTIONS – SA - II (3 MARKS EACH)	NO. OF QUESTIONS - LA (4 MARKS EACH)	TOTAL NUMBER OF QUESTIONS
1	Multimedia Design-GIMP	4	3	2	1	10
2	Introduction to Dynamic Websites using JavaScript	3	2	2	2	9
TOTAL QUESTIONS		**07**	**05**	**04**	**03**	**19**
NO. OF QUESTIONS TO BE ANSWERED		**05**	**03**	**02**	**02**	**12**
TOTAL MARKS		**5 x 1= 05 Marks**	**3 x 2 = 06 Marks**	**2 x 3 = 06 Marks**	**2 x 4 = 08 Marks**	**20 Marks**
TOTAL MARKS		**25 MARKS**				

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__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.

SECTION A   (3 + 2 = 5 marks)

Answer any 03 questions out of the given 04 questions	1 x 3 = 3
Q.1 _____ for an entrepreneur include passion, honesty, integrity, determination, confidence, wisdom, cooperation, decisiveness, humility etc.	1
Q.2 Name the entrepreneurial value that guides the entrepreneur through the business planning process, clarifying the opportunity and setting goals for the organization. It allows the entrepreneur to see past his or her current position and beyond limited resources to more fully appreciate the potential of the venture.	1
Q.3 Collins' English Dictionary defines Green Economy as _____ that is concerned with renewable energy, green buildings, clean transportation, water, waste and land management.	1
Q.4 _____, 1972 is an Act of the Parliament of India enacted for protection of plants and animal species.	1
Answer any 01 question out of the given 02 questions	1 x 2 = 2
Q.5 Explain any two Principles of Idea Creation in Business.	2
Q.6 Explain any two components of Green economy	2

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

Answer any 05 questions out of the given 07 questions	1 x 5 = 5
Q.7 _____ are small images used for filling regions of original images or for changing the background of an image.	**1**
Q.8 Name the tool that selects a part of an image automatically by high contrast or differences in colors, with constant-valued color contours in GIMP.	**1**
Q.9 Name the tool in GIMP to crop the unwanted part of the image.	**1**
Q.10 _____ are set of colors arranged in linear ordering and control the way colors could be filled or modified within the image.	**1**
Q.11 Who developed JavaScript?	**1**
Q.12 Term DHTML stands for_____	**1**
Q.13 Give an example of HTML Editor	**1**
Answer any 03 questions out of the given 05 questions	**2 x 3 = 6**
Q.14 Explain any two selection tools in GIMP.	**2**
Q.15 Explain any two modes in Selection tools >	**2**
Q.16 Give one advantage and one disadvantage of Free lasso tool.	**2**
Q.17 Explain any two applications/uses of JavaScript ?	**2**
Q.18 Explain two types of comments in JavaScript.	**2**
Answer any 02 questions out of the given 04 questions	**3 x 2 = 6**
Q.19 Foreground Select works on selection by extracting foreground from the current image in GIMP. Explain the following tool options under this: a) Contiguous b) Interactive refinement Smoothing	3

Q.20 Explain the following tools in GIMP :
  a. Fuzzy select
  b. Bucket Fill
  c. Perspective Clone
	3

Q.21 Explain the following scripting tags in JavaScript:
  a. Src
  b. Type
  c. charset
	3

Q.22 Give a JavaScript statement for each of the following:
  a. A variable 's' that stores the sum of variables 'x' and 'y'
  b. To find square root of x .
  c. To print data type of variable 'n'.
	3

Answer any 02 questions out of the given 03 questions		

Q.23	Aishwarya is preparing a portrait design for her grandma in which she has merged images of her village, town and grandmother in GIMP. Explain following tools that she can use to make the appearance of her image better and merge the boundaries neatly.
	  a. Smudge Tool
	  b. Handle Transformation Tool :
	  c. Color Picker Tool
	  d. Distort Filter Emboss :
		4

Q.24	Consider a string
	var str1= "This is a world of miracles";
	Give JavaScript command for the following :
	  1. To print number of characters in variable str1
	  2. To search for the position of string 'world' in str1.
	  3. To display the string as follows in the browser window:
	     @@^^This is a world of miracles^^@@
	  4. To extract the substring by taking the starting position = 4 and ending position = 12 as arguments.
		4

Q.25	Give output for the following JavaScript statements: a. parseInt ("15", 8) b. eval (" 8*4/2") c. `<script>` `for (i = 0; i < 5; i++) {` `document.write("@" +" "); }` `</script>` d. `<script>` `for (i = 1; i <= 5; i++)` `{  if( i==3)` `        continue` `     document.write("The number is " + i+ " ");` `}  </script>`	**4**