

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086
(For Candidates admitted during the academic year 2019-2020 and thereafter)
SUBJECT CODE: 19CS/MC/WD33

B.C.A. DEGREE EXAMINATION – NOVEMBER 2022
THIRD SEMESTER

COURSE : MAJOR CORE
PAPER : CREATIVE WEB DESIGNING
TIME : 3 HOURS

MAX. MARKS: 100

SECTION - A

ANSWER ALL THE QUESTIONS:

(20x1=20)

Choose the correct answer:

1. The rotation angle can be measured using the keys _____.
a) Shift+S b) Ctrl+M c) Shift+M d) Ctrl+S
2. In GIMP, the interactive windows are grouped together into a multi dialog window called as _____.
a) dockable dialog b) window dialog c) slanting window d) group dialog
3. Which of the following is a semantic element?
a) main b) div c) margin d) span
4. border_bottom property in CSS table is used for _____.
a) vertical division b) horizontal division c) cell division d) page division
5. What is the output of the following JavaScript code?
Let x=100
x=-x
a) 100 b) 99 c) -100 d) 101
6. Consider the following code. Determine the value of 'i' in final iteration.

```
var i = 0;

do {
    document.write ("count : " + i + "<br />");
    i++;
}
while (i < 5);
```

a) 0 b) 4 c) 5 d) 1
7. The pattern used to fill an area of any size and shape is _____.
a) Tiling b) Filling c) Coloring d) brushing
8. JPEG format is best suited for photos due to its color depth of _____.
a) 64bit b) 16bit c) 16byte d) 24bit
9. Which of the following cannot be prefixed with **min** function in responsive web design?
a) Monochrome b) color c) resolution d) scan
10. The technique which holds one background image behind another in CSS is _____.
a) Sliding door b) sliding window c) responsive window d) fluid image

Fill in the blanks:

11. While scanning an image _____ data will be received first.
12. _____smoothes the edges of an object by making pixels boundary semi-transparent.
13. _____ element in HTML is used to give title for the figure.
14. External CSS can be included in a HTML document using a tag _____
15. _____block will be always executed unconditionally in exception handling.
16. _____ property of DOM methods returns true if an input element contains valid data.
17. In digital painting, the paintbrush tool is used for _____ and _____
18. Image layers can be duplicated by clicking _____
19. The media feature that can be used in media queries are _____ and _____
20. The formula for converting flexed pixels into propositional percentage is _____.

SECTION - B**Answer all the questions:****(5 x 2 = 10)**

21. What is the purpose of time tag in HTML?
22. What is an event?
23. Define aspect ratio.
24. Define Pixel art and its two types.
25. List any four methods used in noise filters

SECTION - C**Answer any eight of the following:****(8 x 5 = 40)**

26. Write the structure of HTML document.
27. Explain the data types in JavaScript.
28. Discuss in detail about DOM.
29. Explain the image properties in CSS.
30. Discuss the use of clone tool in refining a photograph.
31. What is the purpose of smudging? Explain its process.
32. Discuss about the process related to background changes while creating textures.
33. Explain fixed and variable width designs.
34. Write about the following a) media query b) media query in CSS
35. Discuss in detail about how 'em' is used for typography.

SECTION – D**Answer any three of the following:****(3 x 10 = 30)**

36. Illustrate list in CSS.
37. Explain arrays in JavaScript with a suitable example.
38. Discuss in detail about the digital painting process with respect to the following objects
 - a) Sky and clouds
 - b) Trees
39. Write the steps in designing a radioactive logo and golden logo for a college.
40. Describe any five viewport capabilities that can be tested by media queries.
