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**BCACACN 402**

**Fourth Semester B.C.A. Degree Examination, July/August 2023**  
**(NEP 2020)**  
**(2022-2023 Batch Onwards)**  
**COMPUTER MULTIMEDIA AND ANIMATION**  
**(DSCC)**

Time : 2 Hours

Max. Marks : 60

**Note :** Answer **any six** questions from Part – A and **one full** question from **each** Unit of Part – B.

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PART – A

(6×2=12)

1. a) What is the use of cellpadding and cellspacing attributes in <table> element ?
- b) What are the uses of === and !== operators of JavaScript ?
- c) Expand CSS. What is the use of CSS ?
- d) What are the values can be used for transition timing function ?
- e) What are the advantages of SVG <tspan> element ?
- f) What is SVG Viewbox attribute ? List the SVG elements with which Viewbox attribute can be used.
- g) Write the javascript code to create canvas drawing context.
- h) List the parameters of the canvas fillRect() method with their purpose.

PART – B

Unit – I

2. a) What is the use of <OL> tag ? Explain with attributes.
- b) Explain any 4 <input> tags with their element specific attributes.
- c) Explain addEventListener () method with example.

(4+4+4)

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3. a) What is the use of <a> tag ? Explain the use of href, target and name attributes.
- b) Briefly describe confirm() and alert() methods.
- c) Write a note on JavaScript with its features. (4+4+4)

#### Unit – II

4. a) Explain different ways of using style sheets in HTML5.
- b) Explain all the animation related properties.
- c) Explain clear property of CSS3 with all its options. (4+4+4)
5. a) Explain overflow property of CSS3 with all of its options.
- b) Explain all the possible values for animation-fill-mode property.
- c) Explain the pseudo-classes used to style link. (4+4+4)

#### Unit – III

6. a) Explain SVG drop shadow effect.
- b) Explain all the variations of SVG rotate() function with its parameters.
- c) Mention the rules of SVG color specification. (4+4+4)
7. a) Explain all the variations of SVG translate() function with its parameters.
- b) List and explain any four SVG color codes.
- c) Explain SVG Gaussian blur effect. (4+4+4)

#### Unit – IV

8. a) Explain setInterval(), setTimeout(), requestAnimationFrame() methods with their parameters.
- b) Explain quadraticCurveTo() and bezierCurveTo() methods of canvas with proper example. (6+6)
9. a) Explain how to create Radial gradient in canvas with example.
- b) List and explain all the Canvas shadow properties.
- c) Explain arc() and arcTo() methods of canvas. (4+4+4)