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Reg. No. 

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**IV Semester BCA 6 (NEP) Degree Examination, October - 2023**  
**Multimedia and Animation**  
**(Regular)**

**Time : 2 Hours**

**Maximum Marks : 60**

**Instructions to Candidates:**

1. Answer all Sections are compulsory.
2. Draw diagrams wherever necessary.

**SECTION-A**

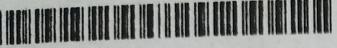
**Answer any TEN from the following. Each carries 2 marks. (10×2=20)**

1. Expand HTML. Give any 2 features of HTML5.
2. What is a HTML form ? Mention its elements.
3. What is Javascript? Give any two characteristics.
4. What is Animation? Define start and end states.
5. Define Key frame with its properties.
6. Expand and define SVG.
7. Write a code snippet to create HTML5-SVG star.
8. What do you mean by rendering context? Give a syntax for it.
9. Define Interpolation with a neat diagram.
10. What do you mean by Canvas? How do you embed it with HTML file?
11. Give the concept of canvas-Translation
12. Define the following.
  - a) Ordered list
  - b) Unordered list.

**SECTION - B**

**Answer any Four form the following questions. Each carries 5 marks. (4×5=20)**

13. What is a selector in HTML? Explain any two types of selector with example.
14. Briefly explain longhand properties and shorthand properties with example.

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- 15. Write a program to demonstrate SVG Circle with stroke and without stroke separately.
  - 16. Explain the concept of beziercurveto ( ) method with a neat diagram.
  - 17. What do you mean by Canvas composition? Explain its any 3 attributes for global composite operation.

### SECTION - C

**Answer any two from the following questions, Each carries 10 marks. (2×10=20)**

- 18. What are gradients in SVG ? Explain Linear gradient and Radial Gradient with example in SVG
  - 19. a) Explain briefly canvas font and text properties.  
b) Write a program to demonstrate text shadows using HTML canvas.
  - 20. What is CSS? Explain the levels of style sheets with an example.
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