Fourth Semester B.C.A Degree Examinations

May / June 2026

(CBCS NEP Scheme)

NBD 0220: PAPER: COMPUTER MULTIMEDIA AND ANIMATIONS

Time: 2 hrs] *[Max. Marks: 60*

Instructions to Students:

1. ***The Students should legibly write Section number along with question numbers within the margin ONLY.***
2. ***The answer without Section number and question numbers will not be valued.***
3. ***Draw neat and labelled diagram wherever necessary.***
4. ***Section – I multiple Choice Questions should be answered in the first page of main answer book and same questions shall not be answered repeatedly.***
5. ***Any identifications like marking, ticking, dots etc., in the options of MCQ (Section – I) on the question paper is strictly prohibited. Do not write anything (except register number) on the question paper.***

SECTION – I

I. Select the most appropriate answer from the options provided: 10 ×1 = 10

I - 1) Which of the following is correct to set the background color to red without CSS?

a) <body bg = "red"> b) <body background "red">
c) <body color= "red"> d) <body bgcolor="red">

I - 2) Which properly specifies format of data transformation

a) Action b) Method
c) Target d) alt

I - 3) Which of the following is not a value of transition timing function property

a) Linear b) Ease
c) Cubic Bezier d) Fast

I - 4) Which attribute handle number of repetition of animation in keyframe animation in CSS.

a) Animation_duration b) Animation-iteration_Count
c) Animation_fill-mode d) Animation_timing-Function

Contd..... 2

I - 5) Which of the following is not true about SVG

a) It is scalable b) It is suitable for game application c) It is indexable d) It is suitable for website

I - 6) In SVG which tag represents "definitions" and definition of special elements

a) <defs> b) <defi>

c) <dif> d) <define>

I - 7) The method used to display images / videos on to the canvas is _____

a) drawImage() b) path()

c) stroke() d) line ()

I - 8) Which of the following function is used to draw a path on the canvas

a) draw() b) path()

c) stroke() d) line()

I - 9) Which of the following is default composition value of canvas

a) Source-out b) destination-over

c) Source-over d) destination – atop

I - 10) Which is optional parameter in Filltext() of canvas

a) text b) max width c) x-value d) max height

SECTION – II

II. Answer any FIVE of the following: 5 × 3 = 15

II - 1) What is the use of Div tag ? Explain in brief.

II - 2) What is interpolation in Animation ? Explain.

II - 3) With examples explain embedding of SVG in HTML.

II - 4) Write a note on Brower Support for canvas.

II - 5) Explain fulltext() in canvas in HTML5.

II - 6) Explain javascript primitives.

Contd..... 3

II - 7) Explain text alignment in HTML

II - 8) Explain img tag with example.

SECTION – III

III. Answer any THREE questions from the following: 3 × 5 = 15

III - 1) Write a note on Table tag with example.

III - 2) List and explain CSS animation properties.

III - 3) Write a note on SVG Gradients with example.

III - 4) Write a note on drawing Lines in Canvas.

III - 5) Explain Canvas composition in CSS.

SECTION – IV

IV. Answer the following: 2 × 10 = 20

IV - 1) a) Explain types of CSS with example. (10)

OR

a) Write a note on transitions and keyframes in CSS. (10)

IV - 2) a) Explain SVG polygon tag with example.

b) How to use image in canvas? (5+5)

OR

a) Explain Canvas. Rotation and scaling with example. (10)

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