

**Bachelor of Computer Application (BCA) 3rd Semester
(Batch 2023-26) (CBGS)**

**MULTIMEDIA TECHNOLOGY AND
APPLICATIONS**

Time Allowed—3 Hours] [Maximum Marks—100

Note :— Attempt **FIVE** questions in all, selecting at least **ONE** question from each section. The fifth question may be attempted from any section. All questions carry equal marks.

SECTION—A

1. Which are various uses of Multimedia ? Write a detailed note on multimedia market.
2. Explain the following :
 - (a) Final Cut Pro
 - (b) Hypermedia and Hypertext
 - (c) Multimedia Components.

SECTION—B

3. What is difference between bitmaps and vector drawings ? Which format is more suitable for digital images and why ? Write the features of any three image formats.

4. What do you mean by color model ? Explain various color models available in Adobe Photoshop.

SECTION—C

5. What is MIDI ? What are differences between MIDI and digital sound ? Write the advantages and disadvantages of both.

6. (a) Which are differences between analog and digital video ?

(b) Which are various important issues to be kept in mind while shooting and editing video ?

SECTION—D

7. Which are various animation techniques ? Explain any five.

8. What are various requirements to make a good multimedia project ?