



WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours/Programme 4th Semester Examination, 2022

CMAHGEC04T/CMAGCOR04T-COMPUTER APPLICATION (GE4/DSC4)

MULTIMEDIA SYSTEMS AND APPLICATIONS

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

Answer Question No. 1 and any *four* questions from the rest

1. Answer any *four* questions from the following: 2×4 = 8
 - (a) Define Multimedia.
 - (b) What is Hypertext?
 - (c) What is Virtual Reality?
 - (d) What is the full form of WWW and HTML?
 - (e) Write the names of different image and video file formats.
 - (f) What is the function of web browser?
 - (g) What is domain name?

2.
 - (a) Write down various types of text. 2+2+4=8
 - (b) Differentiate between Fonts and Faces.
 - (c) Explain **RGB** Color model.

3.
 - (a) Differentiate between **Bitmap** and **Vector Drawing** of image. 4+4=8
 - (b) Write any four types of image file format.

4.
 - (a) What is Rendering? 4+2+2=8
 - (b) Write the names of different Audio File Formats.
 - (c) Write the differences between MIDI and Digital Audio.

5.
 - (a) Describe different animation techniques. 4+2+2=8
 - (b) Write the name of different animation file formats.
 - (c) Write the name of different Multimedia software.

6. (a) What are the stages of multimedia project? 3+2+1+2=8
(b) What are Strictly Necessary Cookies?
(c) What is VRML?
(d) What does Hypermedia mean?
7. (a) Explain virtual reality. 4+4=8
(b) Explain 3D drawing.

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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