



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

CMAACOR08T-COMPUTER APPLICATION (CC8)

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.
All symbols are of usual significance.*

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

1. Answer any ***four*** questions from the following: 2×4 = 8
 - (a) What is “WAV file”?
 - (b) What do you mean by DNS?
 - (c) What is the full form of MIDI?
 - (d) What is projection?
 - (e) What is hypertext?
 - (f) What do you mean by Morphing?
 - (g) What is a “Pixel”?
 - (h) Define GOPs Level.

2. (a) What is inter-frame and intra-frame compression? Distinguish them. (2+2)+4
(b) Describe audio sampling and quantization.

3. (a) Explain MPEG Data Stream Level. 4+4
(b) What do you mean by Lossless and Lossy Compression?

4. (a) Why Black Pigment is used in CMY model? 4+4
(b) Differentiate between Hypertext and Hypermedia.

5. (a) What do you mean by domain names? Illustrate with examples. 4+4
(b) What is Lookup Table?

6. (a) Briefly explain 3-tier Web Architecture and Web 3.0. (3+3)+2
(b) What is Image Processing?

7. (a) Define Cel animation and Path animation. Distinguish between them. (3+2)+3
(b) Differentiate between NTSC and PAL.
8. Write short notes on any *two* of the following: 4×2 = 8
(a) XHTML vs. DHTML
(b) HTTP
(c) Virtual Reality
(d) Tweening.

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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