

M.E.S. COLLEGE OF ARTS & COMMERCE, ZUARINAGAR-GOA
B.Com (CBCS) I Semester End Examination (Regular/ Repeat), January, 2022
GE-MULTIMEDIA TECHNOLOGY (CSG 108)

Duration: 2 Hours

Max. Marks: 60

Instructions: *All Questions are Compulsory.*
Figures to the right indicate full marks.

- Q.1.** Answer **Any Five** questions from the following: **(5X 2 = 10)**
- a. Explain the term Multimedia
 - b. Explain in brief the various elements of multimedia
 - c. Define shade, Tint
 - d. What Colors are warm?
 - e. Define Resolution
 - f. Which are the different file format supported for Raster Graphics
 - g. What do you mean by upsampling and downsampling
- Q 2.** Answer **Any Five** questions from the following: **(5X 2 = 10)**
- a. Give Four examples of font style
 - b. What is UNICODE?
 - c. How is Sound Produced?
 - d. Why sound is important in multimedia?
 - e. List the type of equipment utilized in animation
 - f. Define frame rate and video resolution
 - g. What are the guidelines for using Video
- Q 3.A.** Explain ITTEN'S CONTRASTS **(5)**
- OR**
- A.** Differentiate between active and passive colors **(5)**
- Q 3. B.** Discuss the need for Gamma Correction **(5)**
- Q 4.A.** Explain different file formats for Raster graphics **(5)**
- OR**
- A.** Differentiate between Lossless and lossy compression **(5)**
- Q 4 B.** How the quality of the image is affected in Raster Graphics **(5)**
- Q 5.A.** What are the four categories of text? Give examples **(5)**
- OR**
- A** Explain the factors affecting quality of the sound. **(5)**
- Q 5.B.** What is the process involved in ADC and DAC Conversion? Explain with example **(5)**

Q 6.A. Explain cell animation in detail (5)

OR

Q 6.A. Write short notes for the following video formats: (5)

(i) AVI

(ii) WMV

Q 6.B. What do you mean by spatial and temporal video compression? (5)
