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Shree Damodar College of Commerce & Economics, Margao-Goa
TY BCA Semester-VI, Semester End Examination June 2022
Multimedia Technology (CAC-120)

<u>Duration: 2 Hours</u>   <u>Marks: 60</u>

Instructions: 1) Figures to the right indicate Full Marks.
2) All Questions are compulsory.

Q.1. A) State whether TRUE /FALSE :   (5X 1 = 05)

a) Cartoons are animated characters in video media.

b) Audacity is an example of Sound Editing Software.

c) Higher the Sampling rate, Lower the quality.

d) Linear Media can be controlled by the user.

e) Image Size does not depend on the number of Colour Variations in it.

Q.1. (B) Match the Following and Rewrite the Matched Pairs   (5X 1 = 05)

1. Recommended for Web use	A. TIFF
2. Unprocessed Images	B. JPG
3. Limited Colors	C. GIF
4. Photographic Images	D. PNG
5. Huge File Size	E.RAW

Q.2 Answer the following:

(a) Show the impact of Resolution in Graphic media.   (02)

(b) Explain how Audio Media helps in the success of an advertisement.   (03)

(c) Analyze the role of various Multimedia Design Principles.   (05)

Q.3 Answer the following:

(a) Give examples of Image editing Software with the file extension.   (02)

(b) Explain one advantage of JPEG (Joint Photographers Experts Group)
Image File format.   (03)

(c) Compare Raster graphics and Vector Graphics.(Mention 2 points)   (05)

Q.4 Answer the following:

(a) Show a sound wave and label the amplitude part of it. (02)

(b) Discuss the benefit of lossless compression in Graphic Media. (03)

(c) Specify three advantages of Vector Graphics. (05)

Q.5 Answer the following:

(a) Give example of where you come across Echo sound effect. (02)

(b) Explain two benefits of Audio Streaming. (03)

(c) Calculate the Size for a 20 seconds audio at a sampling rate of 11000 Hz
   at 8-bit resolution for a mono channel. (05)

Q.6. Answer the following:

(a) Expand the abbreviation MP4 in Video Media. (02)

(b) Differentiate between an animation and a video. (03)

(c) Illustrate the Steps of Video Production. (05)