

PSG COLLEGE OF ARTS & SCIENCE  
(Autonomous)

BSc DEGREE EXAMINATION MAY 2022  
(Second Semester)

Branch – VISUAL COMMUNICATION ( ELECTRONIC MEDIA)

MULTIMEDIA & GRAPHICS

Time : Three Hours

Maximum: 50 Marks

SECTION –A (5 Marks)

Answer ALL Questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

1. Vector graphics are also called  
(i) Scalable vector graphics (ii) Device dependent graphics  
(iii) Pixel based graphics (iv) All the above
2. \_\_\_\_\_ is a way of seeing what was in the frame before the one you are on  
(i) Keyframe (ii) Inbetween  
(iii) Onion skinning (iv) Morphing
3. NURBS stands for  
(i) Non universal related b splines (ii) Non uniform rational b splines  
(iii) Non universal rational b splines (iv) Non uniform related b splines
4. As the number of pixel in an image \_\_\_\_\_, then Quality of the image is \_\_\_\_\_  
(i) Increases, increased (ii) Increases, decreased  
(iii) Decreases, increased (iv) All of the above
5. Film splicing falls under which category of Video Editing?  
(i) Linear editing (ii) Non linear editing  
(iii) Live editing (iv) Tape to tape editing

SECTION – B (15 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 3 = 15)

6. a. Hypertext plays important role in Multimedia – Justify  
OR  
b. List out the applications of multimedia.
7. a. List down few audio editing software and explain its features  
OR  
b. Analyze the efficacy of using video Compression on editing software
8. a. Explain the qualities of a good typography?  
OR  
b. Differentiate between RGB and CMYK colour modes
9. a. Describe on the following topics  
i) Keyframe ii) Onion skinning iii) Ease in & Ease Out  
OR  
b. Classify Tweening in 2D animation with its types
10. a. Specify the importance of Inverse Kinematics in Human Modeling  
OR  
b. Discuss the advantage and disadvantages of Polygonal Modeling

cont...

**SECTION – C (30 Marks)**

**Answer ALL questions**

**ALL questions carry EQUAL Marks**

**(5 x 6 = 30)**

11. a. Evaluate the elements of Multimedia.  
OR  
b. Analyse the features of Multimedia in broadcasting applications.
12. a. Differentiate Linear with Non-Linear Editing.  
OR  
b. "Audio Plays on major role in horror movies" – Discusss.
13. a. Enumerate in detail about colour theory and discuss its significance in designing.  
OR  
b. Cateproize in detail about any five file formate for video and elucidate its compatibility features.
14. a. Differentiate 2D Animation with 3D Animation.  
OR  
b. Define stop motion Animation? Explain its importance in Advertising.
15. a. Determine the process of Rigging in 3D animation  
OR  
b. Elucidate the features of Mocap and Virtual Reality in multimedia industry

Z-Z-Z

END