

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc(SS) DEGREE EXAMINATION DECEMBER 2024
(Ninth Semester)

Branch - SOFTWARE SYSTEMS (Five years Integrated)

INTRODUCTION TO MULTIMEDIA

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 x 1 = 10)

- 1 Multimedia comprises of
 - (i) Audio
 - (ii) Audio and Video
 - (iii) Video
 - (iv) None of the above
- 2 _____ is basically a form of pictorial representation.
 - (i) Photography
 - (ii) Animations
 - (iii) Drawing
 - (iv) Creativity
- 3 Basic elements of Video editing are
 - (i) Capture
 - (ii) Shot
 - (iii) Timeline
 - (iv) All the above
- 4 Digital Editing is known as
 - (i) Linear Editing
 - (ii) Non-Linear Editing
 - (iii) Tape-to-tape
 - (iv) None of the above
- 5 What is the extension of MPEG Audio file?
 - (i) .mov
 - (ii) .mp4
 - (iii) .mpeg
 - (iv) .mp3
- 6 Which of the following microphone is used for lecture delivery in the class/hall?
 - (i) Lavalier
 - (ii) Noise canceling
 - (iii) shot-Gun type
 - (iv) Fiber Optical
- 7 The higher number of pixels gives us a _____ image.
 - (i) Better
 - (ii) Worst
 - (iii) Smaller
 - (iv) None of the above
- 8 Which software animation is commonly used for creating 3D models in 3D Animation?
 - (i) Adobe After effects
 - (ii) Adobe Illustrator
 - (iii) Autodesk Maya
 - (iv) Adobe Photoshop
- 9 What does the abbreviation, FPS means?
 - (i) Flick Per Scene
 - (ii) Frames Per Scene
 - (iii) Frames Per Second
 - (iv) Flick Per Second
- 10 This action allows you to save the object in the Library panel for future use.
 - (i) importing
 - (ii) Exporting
 - (iii) Convert to Text
 - (iv) Convert to Symbol

Cont...

SECTION - B (25 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 5 = 25)

- 11 a) What is Multimedia? Explain components of multimedia.
OR
b) Explain briefly about applications of multimedia.
- 12 a) Explain the need for compressing the video files.
OR
b) Discuss the different video file formats with its advantages.
- 13 a) Classify different audio formats with its uses.
OR
b) Explain the importance of sound card in audio editing.
- 14 a) Explain the role of the stage in 2D animation using Flash software.
OR
b) Explain the effect we get when we use the tweening tool in Flash software.
- 15 a) Explain the use of scripting in Flash.
OR
b) Explain the various components of the flash window in brief.

SECTION -C (40 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 8 = 40)

Question No. 16 is Compulsory

- 16 Elucidate the different types of Animations used for making films.
- 17 a) Distinguish between Linear and Non-linear Editing techniques.
OR
b) Analyze the challenges faced by an editor if the file is not in proper format.
- 18 a) Categorize different types of sounds used in audio production for films.
OR
b) Enumerate any three open source software that helps for audio production with its advantages.
- 19 a) Compare between 2D and 3D animation with examples.
OR
b) Macromedia Flash software played a vital role in 2D Animation-Justify.
- 20 a) Analyze the role and use of Layers in Photoshop and Flash.
OR
b) Create any one web publishing layout for (scene 1) home page.

Z-Z-Z

END