

**MULTIMEDIA AND APPLICATIONS**  
**3<sup>RD</sup> Exam/COMP/IT/CSE/0627/May'17**

**Duration: 3 Hrs.**

**M. Marks: 75**

**SECTION – A**

**Q1. a) Abbreviate the following terms:**

**10x1=10**

- i. WORM
- ii. BMP
- iii. GIF
- iv. JPEG
- v. MIDI
- vi. RAM
- vii. SCSI
- viii. DVD
- ix. MPEG
- x. USB

**b) State true or false:**

**5x1=5**

- i. Wave is not a video format.
- ii. Lossless compression algorithms reduce file size with losing image quality.
- iii. Flash is a simple authoring tool that facilitates the creation of interactive movies.
- iv. Video camera is a storage device.
- v. JPEG format creates every compact file.

**SECTION – B**

**Q2. Attempt any five questions:**

**5x6=30**

- a. What are the major characteristics of multimedia?
- b. What do you mean by virtual reality? How it is useful.
- c. What is the difference between vector and raster graphics?
- d. Explain the working of inkjet printers.
- e. What do you mean by cropping? What are the steps to crop image?
- f. What is gradient tool? Explain its features.
- g. Explain the use of PEN tool in authoring programmes.
- h. Explain the important features of Photoshop.

**SECTION – C**

**Q3. Attempt any three questions:**

**3x10=30**

- i. What do you mean by multimedia? Also explain various applications of multimedia.
- ii. Explain image processing. What are image processing tools?
- iii. Describe various sound file formats.
- iv. What are the various compression formats?
- v. What do you understand by animation? What are animation techniques?

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S.B. Roll No.....

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**SECTION-A**

**Q1. Do as directed.**

**15x1=15**

- PIXEL stands for \_\_\_\_\_
- OCR stands for \_\_\_\_\_
- PNG stands for \_\_\_\_\_
- SWF stands for \_\_\_\_\_
- MIDI stands for \_\_\_\_\_
- Name any two image editing software's.
- Name any two sound file formats.
- MPEG is an audio file format. (T/F)
- Laser printer is a non-impact printer. (T/F)
- Compression \_\_\_\_\_ the size of a file.
- Default extension of Photoshop image file is \_\_\_\_\_
- \_\_\_\_\_ is the shortcut key to deselect a selection in Photoshop.
- The flash files have an extension \_\_\_\_\_
- \_\_\_\_\_ is the developer of Photoshop.
- The maximum value for a color in RGB color model is \_\_\_\_\_

**SECTION-B**

**Q2. Attempt any five questions.**

**5x6=30**

- What do you mean by animation? What are various animation techniques?
- Differentiate between CD-ROM and DVD.
- Write difference between vector graphics and raster graphics.
- What is compression? What are various types of compression?
- Explain the criteria for selecting authoring tools.
- What do you mean by cropping and resizing? Write steps to crop and resize an image.
- Write the steps to create frame by frame animation in Flash.

**SECTION-C**

**Q3. Attempt any three questions.**

**3x10=30**

- What is the use of Photoshop? Explain the use of any 10 tools of Photoshop with example.
- Explain various applications of Multimedia in detail.
- Explain various authoring programmes in detail.
- Explain use and working of:
  - Touch screen
  - Laser Printer
- Explain various multimedia file formats.

S.B. Roll No.....

**MULTIMEDIA AND APPLICATIONS**  
**3<sup>rd</sup> Exam/COMP/IT/CSE/0627/Sep'2020**

**Duration: 1.15 Hrs.**

**M.Marks:25**

**SECTION-A**

**Q1. Attempt any three questions.**

**3x5=15**

- a. Explain working of Laser Printer?
- b. What are the various compression formats?
- c. Explain important features of Photoshop?
- d. What do you mean by Cropping? What are the steps to Crop an image?
- e. Differentiate between CD and DVD?
- f. What should be the best configuration of multimedia PC?
- g. Explain: Hypertext, Kiosks, Animations, Multimedia, and Hyper graphics?

**SECTION-B**

**Q2. Attempt any one question.**

**1x10=10**

- i. Discuss various Applications of Multimedia?
- ii. Describe various Image and Sound file formats?
- iii. What are the common components (Hardware and Software) of Multimedia system?
- iv. Explain Image Processing? What are the image processing tools?

S. B. Roll. No.....

**MULTIMEDIA AND APPLICATION**  
**3<sup>rd</sup> Exam/Comp/IT/CSE/0627/Jun'2021**

**Duration: 1.15Hrs.**

**M.Marks:25**

**SECTION-A**

**Q1. Attempt any three questions.**

**3x5=15**

- i. What are the uses of MIDI files?
- ii. What is the difference between printer and plotter? Write types of printer also.
- iii. What is hypermedia and Hypertext?
- iv. What is compression? Explain its Types.
- v. Explain steps to capture image using scanner/ camera.
- vi. Write a short note on icon based authoring tools?
- vii. How multimedia is being used in Business?
- viii. Write a note on Navigation?

**SECTION-B**

**Q2. Attempt any one question.**

**1x10=10**

- a. Explain designing steps of project planning?
- b. What is authoring System? Explain different Types of authoring Systems.
- c. What are the different applications of multimedia?
- d. What is story board? How to create a story board?

S.B. Roll. No.....

**MULTIMEDIA AND APPLICATIONS**  
**3<sup>rd</sup> Exam/Comp/IT/CSE/0627/Jun'2022**

**Duration: 3Hrs.**

**M.Marks:75**

**SECTION-A**

**Q1. Give answer in one line.**

**15x1=15**

- a. Define Compression
- b. Define Animation'
- c. What is file format?
- d. What is MIDI?
- e. Name various capturing devices
- f. Name various types of images
- g. Define Story Board
- h. Name various elements of multimedia
- i. Explain the function of Plotter
- j. Define Kiosks
- k. What is the function of Crop Tool
- l. Define Hypermedia
- m. Define Quality
- n. Name the developer of Photoshop
- o. What is the extension of flash files?

**SECTION-B**

**Q2. Attempt any six questions.**

**6x5=30**

- i. What is Authoring Tools? Explain various Authoring programmes
- ii. Explain various selection and move tool in Photoshop
- iii. Explain various features of Flash
- iv. How to import and edit sound and video clips in flash? Explain in detail.
- v. Explain various audio file formats
- vi. Explain features and specification of sound and video interfaces
- vii. Difference between Cel Animation and Computer Animation
- viii. Define the various Terms:- Touch Screen, Digital Camera, Optical Disk

**SECTION-C**

**Q3. Attempt any three questions.**

**3x10=30**

- a. What is Multimedia? Explain various application of Multimedia.
- b. Define Compression? Explain its various Types
- c. What is Photoshop? Explain its various features
- d. What are Filters? Explain its use in multimedia
- e. What are display devices? Explain its various types.