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220827

**2nd Sem / Branch : Computer  
Sub.: Multimedia Applications**

Time : 3Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

**Q.1** Which file format is commonly used for compressing audio files?

- a) JPEG
- b) WAV
- c) MP3
- d) AVI

**Q.2** Which multimedia format is known for its lossless compression and is commonly used for logos and graphics?

- a) JPEG
- b) GIF
- c) PNG
- d) BMP

**Q.3** Which of the following is not a multimedia element?

- a) Text
- b) Images
- c) Audio
- d) HTML

**Q.4** What does MPEG stand for in the context of multimedia?

- a) Multimedia Program Export Group
- b) Motion Picture Experts Group
- c) Multimedia Protocol Encoding Group
- d) Media Production Enhancement Group

**Q.5** What does HTML stand for in the context of multimedia?

- a) Hyper Text Markup Language
- b) High Throughput Multimedia Link
- c) Hypermedia Transfer Language
- d) Hyperlinked Text Media Language

**Q.6** What does the term “Multimedia” refer to?

- a) Text-based content
- b) Single channel audio
- c) Content that combines various media types
- d) Video games

(1)

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(2)

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## **SECTION-B**

**Note:** Objective/Completion type questions. All questions are compulsory.  $(6 \times 1 = 6)$

- Q.7 Video and audio compression techniques are used to reduce \_\_\_\_\_ size while maintaining quality.
- Q.8 In multimedia, the term “UI” stands for User \_\_\_\_\_.
- Q.9 JPEG stands for \_\_\_\_\_.
- Q.10 Adobe Photoshop are examples of software used for \_\_\_\_\_ editing in multimedia design.
- Q.11 Video streaming services like Netflix and You Tube rely on multimedia for delivering \_\_\_\_\_ content.
- Q.12 \_\_\_\_\_ combines various forms of media such as text, audio and graphics to convey information.

## **SECTION-C**

**Note:** Short answer type questions. Attempt any eight questions out of ten questions.  $(8 \times 4 = 32)$

- Q.13 Discuss any four selection tools.
- Q.14 What is the primary purpose of multimedia authoring tools?
- Q.15 Write different file formats used in multimedia.

- Q.16 What is the use of sound card in multimedia system?
- Q.17 What are the advantages of MIDI in music production?
- Q.18 Write four differences between 2D and 3D animation software tools.
- Q.19 What is the importance of a “timeline” in animation software?
- Q.20 What is the purpose of multimedia compression?
- Q.21 Give the importance of multimedia in education.
- Q.22 Give two advantages and disadvantages of multimedia.

## **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions.  $(2 \times 8 = 16)$

- Q.23 Describe the features and functions of multimedia authoring software.
- Q.24 Discuss the rope of layers in digital image editing software.
- Q.25 Describe the importance of audio in video production.