

Dr. Babasaheb Ambedkar Open University
Term End Examination July – 2026

Course	: DMA	Date	: 06/07/2026
Subject Code	: DMA-101	Time	: 11:30am to 01:45pm
Subject Name	: Introduction to Multimedia	Duration	: 02.15 Hours
		Max. Marks	: 70

Section A

Answer the following (Attempt any three)

(30)

1. Discuss its characteristics, elements, applications and advantages of Multimedia in modern communication.
2. Discuss various input devices, output devices and storage devices used in multimedia systems.
3. Explain Desktop Publishing (DTP) in detail.
4. Discuss different audio formats, image formats and video formats used in multimedia.
5. Explain Web Design and Publishing. Discuss the basic principles of web page design and the process of publishing a website.

Section B

Answer the following (Attempt any four)

(20)

1. Explain Multimedia Software with suitable examples.
2. Differentiate between Raster Graphics and Vector Graphics.
3. Explain Typography and its importance in multimedia.
4. Explain Animation and mention its different types.
5. Write a short note on Digital Photography.
6. Explain Media as Business and mention different sources of media revenue.

Section C

Part – A (Multiple Choice Questions)

(10)

Q.1 Which of the following is not a multimedia element?

- A) Text B) Audio
C) Video D) Compiler

Q.2 Which device is commonly used to capture printed images?

- A) Scanner
B) Speaker
C) Projector
D) Printer

Q.3 Which software is mainly used for creating page layouts?

- A) Desktop Publishing Software B) Antivirus Software
C) Database Software D) Compiler

Q.4 Which graphic type can be enlarged without losing image quality?

- A) Bitmap B) Raster Graphic
C) Vector Graphic D) JPEG Image

Q.5 Which multimedia element is measured in frames per second (FPS)?

- A) Audio
C) Text
- B) Video
D) Typography

Q.6 Which file format is commonly used for photographs?

- A) JPEG
B) TXT
C) DOC
D) XLS

Q.7 Which of the following is an example of animation software?

- A) Adobe Animate
- B) MS Excel
- C) Notepad
- D) Calculator

Q.8 Which HTML tag is used to create a hyperlink?

- A)
- B) <table>
- C) <a>
- D) <body>

Q.9 Which social networking platform is widely used for multimedia sharing?

- A) Instagram
- B) MS Paint
- C) BIOS
- D) RAM

Q.10 Which medium is commonly used for permanent optical storage?

- A) RAM
- B) DVD
- C) Cache Memory
- D) Register

Part – B (State whether the following statements are true or false)

(10)

- 1 Multimedia combines text, graphics, audio and video.
- 2 RAM is a permanent storage device.
- 3 Vector graphics can be scaled without loss of quality.
- 4 Typography improves the readability of text.
- 5 JPEG is an image file format.
- 6 Animation creates the illusion of movement.
- 7 A scanner is an input device.
- 8 Web pages can include text, images, audio and video.
- 9 Digital photography uses electronic image sensors.
- 10 Advertising is one source of media revenue.
