

Total number of printed pages-3

44 (6) BCA-HE-6036

2024

MULTIMEDIA AND APPLICATIONS

Paper : BCA-HE-6036

Full Marks : 60

Time : Three hours

**The figures in the margin indicate
full marks for the questions.**

1. Define the following : **(any five)** $2 \times 5 = 10$
 - (a) MIDI
 - (b) JPEG
 - (c) Hyper Text
 - (d) HTML
 - (e) Bitmaps
 - (f) Animation
 - (g) SVG

Contd.

2. Answer the following questions : **(any four)**
5×4=20

- (a) What are the different stages of a multimedia project ?
- (b) What do you mean by multimedia ? Briefly explain the different types of multimedia software.
- (c) What are the different image file formats available ? Mention their features and limitations.
- (d) What are events and event handlers ?
- (e) Define authoring tools. Briefly explain the different types of authoring tools.
- (f) What are the different audio file formats available ? Mention their features and limitations.

3. Differentiate the following : **(any five)**
3×5=15

- (a) Hypertext and hypermedia
- (b) Digital video and Analog video
- (c) MP3 and MP4
- (d) Web browser and Web server

- (e) JPEG and PNG
- (f) Multimedia and Text files

4. Write short notes on : **(any three)** 5×3=15

- (a) Animation Techniques
 - (b) Digital audio
 - (c) Web browsers
 - (d) Web servers
 - (e) Virtual Reality
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