

**PRSU BCA PART 3 QUESTION PAPER**  
**PAPER 7: MULTIMEDIA TOOLS & APPLICATION - 2017**

[Time: Three Hours]

[Maximum Marks: 50]

[Minimum Pass Marks: 20]

Note: Attempt any two parts from each question. All questions carry equal marks.

**UNIT - 1**

1. (a) Explain the importance of graphics in multimedia.
- (b) Explain the various Image file format.
- (c) Describe the Vector and Raster graphics.

**UNIT - 2**

2. (a) Give the features and limitations of "Animation on the Web".
- (b) Explain the various sound file formats on PC.
- (c) Explain the following:
  - (i) Pixel depth
  - (ii) 3-D animation technique

**UNIT - 3**

3. (a) Describe HDTV and SECAM video standard.
- (b) Explain the Digitization of analog video to digital video.
- (c) Explain the following:
  - (i) DVCAM
  - (ii) MPEG

**UNIT - 4**

4. (a) Explain the planning and distribution of multimedia project.
- (b) Discuss the key factors of selecting CD based multimedia authoring tool.
- (c) Describe any two formats of CD's and DVD's.

**UNIT - 5**

5. (a) Explain the following :
  - (i) Real Video
  - (ii) Streaming Video
- (b) Describe the audio support and graphics support in HTML.
- (c) Explain the dynamic and embedded font technology.