

**Annual Online Examination 2020**  
**BCA-Part - III**  
**Multimedia Tools and Applications**  
**Paper-BCA-305**

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**Max – 50**  
**Min - 20**

**Section A**

Answer the following very short-answer-type questions in one or two sentences: **(1\*10 =10 marks)**

1. What is multimedia?
2. What is the use of RTF?
3. What is sound channel?
4. What do you mean resolution?
5. What is NTSC?
6. What is AVI?
7. What do you mean by multimedia authoring tools?
8. What is DVD?
9. What do you mean by Image Map?
10. What is SMIL?

**Section B**

Answer the following short-answer-type questions in word limit 150-200 **(3\*5 =15marks)**

1. Object linking and embedding concept?

OR

Explain the Concepts of plain & formatted text with example.

2. Explain the basics of digital sounds.

OR

Explain the features and limitations of animations on the web.

3. Explain Interlacing and non-interlacing?

OR

Discuss SECAM and HDTV in brief.

4. Explain key factors of selecting CD based multimedia authoring tools.

OR

Explain various formats of CD's and DVD's.

5. Explain Dynamic and embedded font technology

OR

Discuss the Graphics support in HTML.

### Section C

**Answer the following long-answer-type questions in word limit 300-350 (5\*5 =25marks)**

1. Explain Vector and Raster graphics in brief.

OR

Explain Various Image file format in detail.

2. Discuss various sound file formats on PC.

OR

Explain Principle and use of animation in multimedia.

3. Discuss video capturing Media & instrument.

OR

Explain digital video compression techniques and various file formats.

4. Explain planning and distribution of a multimedia project.

OR

Discuss Multimedia development team & skills requirement

5. What is Virtual Reality? Explain Virtual Reality on the Web.

OR

Explain Bandwidth relationship and broadband technologies,