

Roll No. ....

**BCA-10 (Bachelor of Computer Application)  
Fourth Semester Examination-2015**

**BCA-403**

**Web Authoring/Designing Tools**

**Time : 3 Hours**

**Maximum Marks : 60**

**Note : This paper is of sixty (60) marks divided into three (03) sections A, B, and C. Attempt the questions contained in these sections according to the detailed instructions given therein.**

**Section - A**

**(Long Answer Type Questions)**

**Note : Section 'A' contains four (04) long-answer-type questions of fifteen (15) marks each. Learners are required to answer any two (02) questions only. (2×15=30)**

1. What are the basic concept of images? Explain Digital image and digital image representation?
2. What is theory of design? Explain how poster. books. magazine brochure, children literature, picture books, scripts in Indian language, comics, scientific illustration can be designed.
3. What do you think by the layer? Explain how will you add layer. Also explain viewing, hiding, editing duplicating, and merging layer.

4. Explain the terms brushes palette, creating custom brushes, option palette, opacity pressure, paint fadeout rate, image tracing of painting and editing.

## **Section - B**

### **(Short Answer Type Questions)**

**Note : Section 'B' contains eight (08) short-answer-type questions of five (05) marks each. Learners are required to answer any four (04) questions only. (4×5=20)**

1. What are the basics of graphics accelerator card? Also explain their importance.
2. What are the files formats of images? Explain.
3. What is the significance of PDF files? How will you create and modify the PDF files?
4. What is the different image editing software? Explain each.
5. What are the different image handling techniques? Explain.
6. What is the difference between channels and masks? Explain.
7. What do you understand by the voice recognition software? Explain the difference between MONO and Stereo sound.
8. How will you capture sound through sound editing software? Also explain how will you perform noise correction from sound?

## **Section - C**

### **(Objective Type Questions)**

**Note : Section 'C' contains ten (10) objective-type questions of one (01) mark each. All the questions of this section are compulsory. (10×1=10)**

**Select the correct option :**

1. Paint programs and image editors are used for creating and editing :  
(a) bitmap images                      (b) vector images  
(c) text                                      (d) HTML codes
2. Raster images are also known as :  
(a) bitmap images  
(b) vector images  
(c) clipart images  
(d) multimedia images
3. Which of the following programs is not a popular professional image editor program?  
(a) Adobe PageMaker              (b) Microsoft Paint  
(c) Adobe Photoshop              (d) Corel PhotoPaint
4. Vector images are :  
(a) composed of pixels  
(b) composed of thousands of dots  
(c) slightly more difficult to manipulate than other images  
(d) composed of objects such as lines, rectangles, and ovals
5. CorelDraw is an example of a(n) :  
(a) groupware application  
(b) bit publishing package  
(c) paint program  
(d) graphics suite
6. An essential ingredient for effective multimedia presentations incorporates user participation or :  
(a) links                                      (b) buttons  
(c) interactivity                      (d) integration

7. Multimedia can contain :
  - (a) graphics, animation, video, music, and voice
  - (b) only numeric-type data
  - (c) numeric, text, and picture data
  - (d) databases that, in turn, contain other databases, creating a massive data collection
8. Creating Websites is called :
  - (a) Web authoring
  - (b) HTML creating
  - (c) Storyboard designing
  - (d) Web mapping
9. Most Websites have moving graphics called :
  - (a) animations
  - (b) vectors
  - (c) links
  - (d) morphs
10. A specialized program used to create multimedia presentations is a :
  - (a) Web authoring program
  - (b) desktop publishing program
  - (c) multimedia authoring program
  - (d) illustration program