Y 3004

M.C.A. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2006.

Elective

CA 034 — WEB GRAPHICS

(Regulation 2002)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Explain Kerning method? How it is measured?

2. Mention any 4 options of brush modes.

3. Define an image map.

4. What do you understand from image file size? Give one example of uncompressed file format?

5. How can you make changes in opacity in your image?

6. Explain the usage of navigator palette?

7. Mention all the steps to convert from a lower resolution image to higher resolution image.

8. What are the two different types of file format? Also give difference between them.

9. Define character animation? Give one example.

10. Compare plug-in and active X control.

PART B — (5 × 16 = 80 marks)

11. (a) How are Graphics animation and Interaction integrated in creating a website for "Jurassic Park" animation?   (16)

Or

(b) How are the conversion of JPEG and GIF done in photoshop? Describe in detail.   (16)

12. (a) What are layers? Explain various layers effects in photo image. (16)

Or

(b) Explain in detail "Tweened motion animation". State its advantages and disadvantages. (16)

13. (a) Explain the various steps involved in designing an icons? Explain with an example of design a globe (world) icon world). (16)

Or

(b) (i) How can you easily convert a color image to gray scale image? Explain with an example. (4)

(ii) Explain the following photo shop floating palettes. (1) Brushes palette. (2) Swatches palette. (6)

(iii) Write a note on oil pant effect. ı (6)

14. (a) (i) List the importance of video card and video RAM in the play back of flash movies. (10)

(ii) How to integrate a beep sound for a mouse click? (6)

Or

(b) Explain the procedure to animate the bouncing of the ball with 4 walls and a roof with necessary audio and video controls. (16)

15. (a) Create a web site's flash presentation for an engineering counseling board with necessary details like name of the college, number of courses offers by that college and number of seats allotted etc., with necessary text, graphics, animation and sounds integrated. Give the method and process involved in the design. (16)

Or

(b) Write short note on the following tools :

(i) File formats for an image. (6)

(ii) What happens when you type a negative value in the amount field of the spheize dialog box? (2)

(iii) Pencil, paintbrush and Eye dropper tools. (8)