STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2011 – 12 & thereafter)

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SUBJECT CODE : 11CS/ME/MS43

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B. C. A. DEGREE EXAMINATION, APRIL 2014
FOURTH SEMESTER

COURSE	:	MAJOR ELECTIVE
PAPER	:	MULTIMEDIA SYSTEMS
TIME	:	1½ HOURS

MAX. MARKS: 50

SECTION - A

Answer all questions: (10 x 1 =10 marks)

Fill in the blanks:

1. Objects composed of lines, rectangles, ovals etc. are called _____.

2. The expansion of JPEG is Joint _____ Experts Group.

3. To UNDO the last change made in Photoshop, the _____ key combination can be used.

4. Clouds, motion blur, ocean rippple and plastic warp are all examples of _____ that can be used in graphic design.

5. The _____ shows the frames in the movie.

Choose the correct answer:

6. Paint programs and image editors are used for creating and editing _____.
   a) bitmap images   b) vector images   c) text   d) HTML codes

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. The creation of a storyboard is essential to the development of the project. This is the _____ step of development.
   a) planning   b) designing   c) creating   d) supporting

9. Popular multimedia authoring programs include the following except for _____
   a) Macromedia Director   b) AutoCAD   c) Authorware   d) Adobe Flash

10. A special effect in which one image seems to melt into another is referred to as _____
    a) drifting   b) flashing   c) morphing   d) polling

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SECTION – B

Answer all questions: (5 x 2 = 10 marks)

11. What is the difference between kerning and tracking related to text in multimedia software?
12. What are the colors in the CMYK model and the RGB model?
13. Name any two 3D modelling rendering multimedia software.
14. What is meant by "trimming" in sound editing?
15. What is a key frame?

SECTION - C

Answer any Six questions: (6 x 5 = 30 marks)

16. a. What is the file format when a Flash movie is exported? (1 mark)
    b. What is the expansion of XML? (1 mark)
    c. Can a FLASH movie be deployed on the web? (1 mark)
    d. Briefly explain motion tweening. (2 marks)

17. a. In which situation is a lasso tool useful in Photoshop? (1 mark)
    b. For what applications are the Noise Reduction filter and Sharpen Filter mainly used? (1 mark)
    c. What is a layer in Photoshop? Which function key is used to toggle the Layer Palette on and off? (1 mark)
    d. Briefly explain cloning tool in Photoshop. (2 marks)

18. List any five sound editing techniques with one line explanation.

19. a. What are serif and sans serif fonts? (2 marks)
    b. What is the difference between typeface and a font? (2 marks)
    c. What is a dynamic text box in flash? (1 mark)

20. a. What is PAL? (1 mark)
    b. Can VGA be converted to PAL? If yes, how? (2 marks)
    c. Name any two video file formats. (2 marks)

21. List the step by step approach to add sound to a Flash movie and publishing it for the web.

22. Briefly explain any five essential roles of a multimedia team.

23. Define in one sentence the following :
    a. Alpha   b. Eye dropper   c. Transparency   d. Pixel   e. Red eye

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