UC-7428

Integrated M. C. A. (Sem. II) Examination, June - 2025

IMCA - 203T

Graphics Design & Animation

Time Allowed : **Three Hours**

Max. Marks : **70**

Min. Marks : **28**

Note : This question paper contains two sections as under :

Section-A

Max. Marks-20

This section will have 10 questions having 02 questions from each unit with no internal choice. Answer in about 20 words. All questions will have equal marks. (10×02=20)

Section-B

Max. Marks-50

This section will have 10 questions having 02 questions from each unit, one question to be attempted from each unit. Words limit approximately 400-500 words. Questions may have sub divisions. All questions will have equal marks. (10×05=50)

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SECTION - A

(i) List any two uses of Raster and Vector graphics.

(ii) Discuss the five types of media.

(iii) Differentiate between Image size and Resolution.

(iv) Discuss any two retouching tools in image editing software.

(v) Write a short note on image masking.

(vi) What is a noise? How noise filter works?

(vii) Differentiate between Illustrator and Photoshop.

(viii) Discuss the difference between Color fill and Color stroke.

(ix) What is an animation? List any two applications of animation.

(x) What is a file format? Discuss any two types of file format.

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SECTION - B

UNIT - I

2 (a) What is graphic design? Discuss key aspects of graphic design.

(b) Elaborate Raster and Vector graphic. Also give main difference between Raster and Vector graphic.

OR

(a) What is a media? What are the types of media? Also give example of each kind of media.

(b) What is multimedia? What are the five key elements in multimedia?

UNIT - II

3 (a) Define an image. What are the types of images? Name some image editing tools.

(b) Discuss color mode. What is color adjustment? List seven types of color theory.

OR

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Discuss in details:

(i) Selection tool

(ii) Lasso tool

(iii) Polygon tool

(iv) Magnetic tool

(v) Magic wand tool

(vi) Hand tool

UNIT - III

4 (a) What are layers? Discuss types of layers in Photoshop.

(b) How to convert layers? Write any two types of conversion scenarios?

OR

(a) What are filters? What are the types of filters? Give examples of filters.

(b) Define blur. brush stroke and pixelate filters.

UNIT - IV

5 (a) Define Illustrator. Discuss 5 (five) bas tools in Adobe Illustrator.

(b) Define how to create a compound path in Adobe Illustrator.

OR

(a) Define layers and groups. What is the difference between layers and groups?

(b) Discuss transparency and transformation in Adobe Illustrator.

UNIT - V

6 (a) What are the early examples of animation and devices?

(b) Discuss Adobe Animation Interface with key elements.

OR

(a) What is Adobe Flash? Discuss key aspects of Adobe Flash.

(b) Describe Stop motion animation in details.

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