SUBJECT CODE: CA/MC/GA64

B. C. A. DEGREE EXAMINATION, APRIL 2007
SIXTH SEMESTER

COURSE   :   MAJOR CORE
PAPER   :   GRAPHICS APPLICATIONS
TIME   :   1½ HOURS   MAX. MARKS: 50

SECTION - A

FILL IN THE BLANKS: **(10X1=10)**

1.   The Polar Array in AutoCAD is used to make a _____ pattern.
2.   The maximum number of characters in a layer name is _____.
3.   The _____ tag is used to draw a rectangle in SVG.
4.   _____ is a vector graphics software package from Adobe.
5.   _____ is a 3D primitive that can be created in AutoCAD.

CHOOSE THE CORRECT ANSWER:

6.   Which of the following is a type of GRIP in AutoCAD?
       a) Hot   b) Cold   c) Both a and b   d) None of these

7.   The function key which enable Ortho ON and OFF in AutoCAD is:
       a) F5   b) F6   c) F7   d) F8

8.   The element tags which enable a set of operations to be performed on several
       object is:
       a) <svg> </svg>   b) <g> </g>   c) <group> </group>   d)

9.   The control points of a _____ node move independently from one
       another.
       a) Smooth   b) symmetrical   c) cusp   d) asymmetrical

10.   Which of the following does not produce a vector output?
       a) Adobe Photoshop   b) Corel Draw   c) adobe Illustrator   d) SVG

SECTION - B

ANSWER ALL THE QUESTIONS: **(5X2=10)**

11.   What is the use of hatch in AutoCAD? Which command is used to ungroup hatch
       patterns?
12.   What is the difference between UCS and WCS?
13.   Briefly explain : Envelope and Blend.
14.   How is a block converted into a global block? What is the extension of a global
       block file?
15.   What is the difference between FILLET and CHAMFER commands?

SECTION – C

ANSWER ANY SIX QUESTIONS: **(6X5=30)**

16. What are layers? Explain briefly their usage in AutoCAD CorelDraw and Illustrator. What is the difference between freezing a layer and switching off a layer in AutoCAD?
17. What is SVG? What is the language in which the tags are defined for SVG? List any three SVG tags and explain them briefly.
18. Briefly explain any three fields of applications of Corel Draw and AutoCAD.
19. What is the difference between surface modeling and solid modeling? How is a surface model created?
20. What are limits in AutoCAD? How are the units set for a drawing in AutoCAD? What is the difference between paper space and model space?
21. Explain the following commands in AutoCAD.
    COPY, STRETCH, SCALE, ROTATE, TRIM
22. What is VPOINT? What is the difference between VIEWPOINT and VIEWPORTS?

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