

V.P. & R.P.T.P. Science College
T.Y. B.Sc (SEMESTER V) INTERNAL EXAMINATION – October, 2018
US05CCSC06 [Computer Graphics]

Date: 08-10-2018

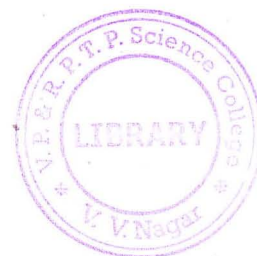
Time: 10.00am to 12.00noon

Max.Marks: 50

Q - 1 Multiple Choice Question:

[08]

- 1] CAD stands for _____.
a) Computer Aided Design b) Computer Application Design
c) Common Aided Design d) Common Application Design
- 2] In Random scan displays picture definition is stored as _____.
a) intensity values b) line commands
c) bit values d) None
- 3] The overall design style for the set of characters is called _____.
a) character style b) face style
c) typeface d) character face
- 4] Character size is specified by printers and compositors in points, where 1 point is _____.
a) 1 inch b) 1 pixel
c) 1/72 inch d) 1/72 pixel
- 5] The region against which an object is to be clipped is called a _____.
a) Region code b) Viewport
c) Window d) Clip window
- 6] A rotation is applied to an object by repositioning it along a _____ path in xy plane.
a) Straight b) Triangular c) Circular d) None
- 7] The analog means _____.
a) Continuous varying b) stepwise varying
c) Non varying d) None
- 8] The full form of MIDI is _____.
a) Musical Instrument Digital Interface b) Musical Instrument Digital Integration
c) Musical Instrument Direct Interface d) None



Q - 2 Answer the following in short: (Attempt Any Five)

[10]

- 1] State disadvantages of Beam Penetration Method.
- 2] Differentiate between impact and non-impact printers.
- 3] List all line attributes. Explain any one.
- 4] List all character attributes. Explain any one.
- 5] Define the terms: (a) Window (b) Viewport
- 6] Define the terms: (a) Translation (b) Viewing Transformation
- 7] List the Audio Jacks.
- 8] List the benefits of Digital Audio.

Q - 3 Explain working of CRT in detail.

[08]

OR

Q - 3 Explain Raster Scan Displays in detail.

[08]

Q - 4 What is inside-outside test? Explain various methods for the same with example

[08]

OR

Q - 4 Write steps for DDA line drawing algorithm.

[08]

Q - 5 Explain in brief Cohen-Sutherland Line Clipping Algorithm.

[08]

OR

Q - 5 What is text clipping? List out all the types and explain with example.

[08]

Q - 6 What is multimedia? Also explain various facets of multimedia.

[08]

OR

Q - 6 Write brief note on 2D and 3D Animations Techniques.

[08]