Rajasthan Institute of Engineering & Technology, Jaipur

Department of IT

I Mid Term examination

Session: 2018-19

VII & IT (Set-A)

Computer Graphics & Multimedia techniques (7IT5A)

Time: 2 hrs. M.M.:20

Instruction for students:

1. No provision for supplementary answer book.

2. All question are carry equal 5 marks ?

1. Explain the CRT display devices with neat diagram?

OR

 Explain the following terms in context of display devices?

1. Resolution (ii) flickering

2. What are the general application of computer graphics?

OR

 Explain Raster scan device system?

3. Define a transformation and explain the translation transformation?

OR

 Explain the DDA line algorithms?

4. Describe Cohen-Sutherland line clipping algorithm with region code details?

OR

 Write down the boundary fill algorithms?

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I Mid Term examination

Session: 2018-19

VII & IT (Set-B)

Computer Graphics & Multimedia techniques (7IT5A)

Time: 2 hrs. M.M.:20

Instruction for students:

1. No provision for supplementary answer book.

2. All question are carry equal 5 marks ?

1. What are the general application of computer graphics?

OR

 Explain the following terms in context of display devices?

1. Aspect ratio (ii) refreshing

2. What is scan conversion? Explain Raster Scan system with help of block diagram

OR

 Explain Random scan device system?

3. Define a transformation and explain the scaling transformation?

OR

 Explain the Breshenhan’s line algorithms?

4. Describe Cohen-Sutherland line clipping algorithm with region code details?

OR

 Write down the flood fill algorithms?