## Assignment Ho.3)

- 1) Justify "Huffman Cofing is lossless compression technique"
- 2) What are different types of data redundancies found in a digital image 9 Explain in details 9
- 3) when a code is said to be "Prefix code"? Mention one advantage of Prefix code.
- G Explain the Principal of arithmetic (oding.)
  Hence generate a decimal tag for the Sequence:
  SWISS\_MISS. Also decode the decimal tag.
- Swhat are the advantages of minimum variance.

  Huffman (odes over normal Huffman (odes?

  Huffman (ode on variance Huffman (ode on Design a minimum variance Huffman (ode on the Source with alphabet A = {a, a2, a3, a4, as}

  the Source with alphabet A = {a, a2, a3, a4, as}

  with respective Probabilities { 0.25, 0.2, 0.15, 0.3, 0.1}.
- 6 Explain lossy and lossless schemes for image
- (F) Explain the fitelity Criterion for Lossy image Compression
- 8 Explain Heed For Image Compression.

module 6

1) Write Video Frame classification & various digital Video Formats?