

ID No: _____

Enrollment No: new
2161603

GUJARAT TECHNOLOGICAL UNIVERSITY
G.H.PATEL COLLEGE OF ENGINEERING & TECHNOLOGY
B.E - SEMESTER - VI ReMid-EXAMINATION- September 2016

Subject code: 2161603

Date: 19/09/2016

Subject Name: Data Compression & Data Retrieval

Time : 04.30 pm - 05.30 am

Total Marks: 20

Instructions:

1. Make Suitable assumptions whenever necessary.
2. Figures to the right indicate full marks.

Q.1 Explain Huffman encoding technique. (5)

Q.2 Explain arithmetic coding with example (5)

OR

Explain Golomb Code in detail. (5)

Q.3 (a) Differentiate LZ77 & LZ78. (5)

(b) Explain Rice Code in detail. (5)

OR

Q.3 (a) Differentiate LZSS & LZW. (5)

(b) Differentiate lossy and lossless encoding technique. (5)
