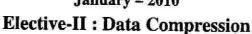
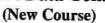
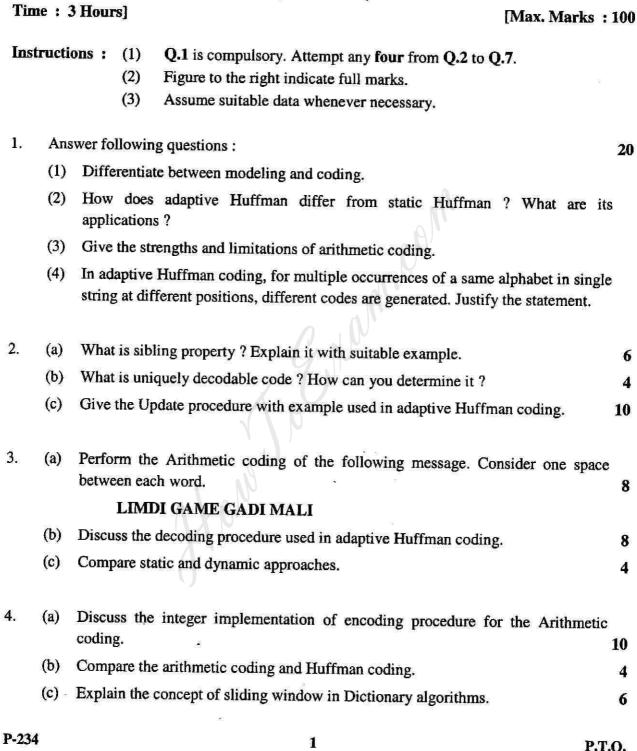
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A sequence is encoded using LZW algorithm and initial dictionary is as: 10 Index Entry 1 a 2 B 3 Г t The output of the LZW encoder is the following sequence: 314684212510611136 Decode this sequence. (b) What is role of transforms in compression? Explain the DCT with example. Tell about "Greedy Vs. Best" Approach. (c) 2 6. (a) Discuss about the application of transform coding to audio compression. (b) Discuss the LZSS algorithm with suitable example. (c) Compare the lossy and lossless compression. 4 7. (a) Explain the sampling and quantization with example. 8 (b) Write short note on JPEG compression. (c) What is Entropy? What is its significance in Data Compression?



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