



Multibhashi



BASICS OF HINDI



Class Objective

I will be able to understand the basics of Hindi language and the basic sentence structure in Hindi.



Concept A: About Hindi language.

- It is estimated that nearly half a billion people worldwide speak this wonderful language.
- Hindi is one of many languages in India, but is considered to be the official language of India.
- Hindi is written in the Devanagari script. It has been strongly influenced by Sanskrit.
- Its standard form is based on the Khari Boli dialect, found to the north and east of Delhi.
- Some of the famous dialects of Hindi are Awadhi, Bagheli, Bhojpuri,



Concept A: About Hindi language.

- Bundeli, Chhattisgarhi, Garhwali, Haryanawi, Kanauji, Kumayuni,
- Magahi, and Marwari.



Concept B: An Introduction to Alphabets

- The Hindi alphabet is also known as the Devanagari alphabet and contains 48 characters on the basis of pronunciation. On the basis of writing, there are 52 alphabets.
- Hindi contains 13 vowels, 2 symbols, 36 constants, and has no upper and lower case of each letter.
- Hindi letters are written left to right and linked together by lines through the top of each letter.



Concept B: An Introduction to Alphabets

Vowels:

अ (a) आ (aa) इ (i) ई (ii) उ (u) ऊ (uu) ऋ (ri)

ए (e) ऐ (ai) ओ (o) औ (ou) अं (am)

अ आ इ ई उ ऊ ऋ

a ā i ī u ū ṛ
[ə] [a] [i] [i:] [u] [u:] [r]

ए ऐ ओ औ अं अँ अः

e ai o au aṁ āṁ aḥ
[e] [æ:] [o] [ɔ:] [aŋ] [ã:] [əh]

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DEPARTMENT OF ELECTRICAL ENGINEERING
EECS 441: DIGITAL SIGNAL PROCESSING
LECTURE 10: DISCRETE-TIME SYSTEMS

1.1. SYSTEM REPRESENTATION

1.2. BLOCK DIAGRAMS

1.3. STATE-SPACE REPRESENTATION

1.4. SYSTEM IDENTIFICATION

1.5. SYSTEM ANALYSIS

1.6. SYSTEM DESIGN

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