

Appendix B

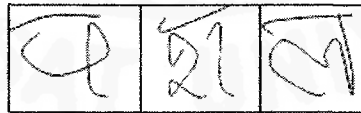
Glossary

B.1 Natural Input

The writing is said to be completely natural as if user writes on a piece of paper. Two or more than two strokes can be connected to one another to form a word, such as in cursive handwriting. In natural writing, there are no any constraints, directions and limitations in writing. One can write with one's style. This is highly preferable for all kinds of people and has many applications like, note-making, letter writing etc. Natural writing is shown in Fig. B.1.

B.2 Uni-stroke Input

A character is created by the use if single ink stroke is called uni-stroke input. The shape of the character is selected in a way to increase the differentiation from the other characters. However, possibility of having similar drawing of two character occurs. The method is highly suitable for small devices on which it is impossible to write naturally or by using many strokes. How difficult for the people who has to write many strokes to make a character, for instance, Chinese, Japanese and Korean etc. An uni-stroke numeral is demonstrated in Fig. B.1.



Box Input Characters: पशल



Uni-stroke Numeral: २



Multi-stroke Character: क

Figure B.1 Natural Writings

B.3 Boxed Input

The input can be made by implementing a natural handwriting style, but each character has to be drawn within the defined box layout. Therefore it is far more easier to segment the character based on the location and number of box. Usually, it is appropriate in form-filling applications. It is conscious handwriting style. A purely discrete characters is known by the name boxed input characters, which is shown in Fig. B.1.

