



Multibhashi

REVISION

Revision and Hiragana Practice



Class Objective

I am able to write hiragana script
using tracing sheets and excel in
the dictation

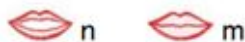


Concept A: Hiragana

Rōma-ji, Hiragana and Katakana

	A	I	U	E	O
-	a あ ア	i い イ	u う ウ	e え エ	o お オ
K	ka か カ	ki き キ	ku く ク	ke け ケ	ko こ コ
S	sa さ サ	shi し シ	su す ス	se セ セ	so そ ソ
T	ta た タ	chi ち チ	tsu つ ツ	te て テ	to と ト
N	na な ナ	ni に ニ	nu ぬ ヌ	ne ね ネ	no の ノ
H	ha は ハ	hi ひ ヒ	fu ふ フ	he へ ヘ	ho ほ ホ
M	ma ま マ	mi み ミ	mu む ム	me め メ	mo も モ
Y	ya や ヤ		yu ゆ ユ		yo よ ヨ
R	ra ら ラ	ri り リ	ru る ル	re れ レ	ro ろ ロ
W	wa わ ワ				o を ヲ
-	n,m ん ン				

“n” before b, m and p becomes “m” which is pronounced like “m” in “sample”.





Concept A: Hiragana

G	ga が ガ	gi き ギ	gu ぐ グ	ge げ ゲ	go ご ゴ
Z	za ざ ザ	ji じ ジ	zu ず ズ	ze ぜ ゼ	zo ぞ ゾ
D	da だ ダ	ji ぢ ヂ	zu づ ヅ	de で デ	do ど ド
B	ba ば バ	bi び ビ	bu ぶ ブ	be べ ベ	bo ぼ ボ
P	pa ぱ パ	pi ぴ ピ	pu ぷ プ	pe ぺ ペ	po ぽ ポ



Concept A: Hiragana

kya	きゃ	キャ	kyu	きゅ	キュ	kyo	きょ	キョ
sha	しゃ	シャ	shu	しゅ	シュ	sho	しょ	ショ
cha	ちゃ	チャ	chu	ちゅ	チュ	cho	ちょ	チョ
nya	にゃ	ニャ	nyu	にゅ	ニュ	nyo	にょ	ニョ
hya	ひゃ	ヒャ	hyu	ひゅ	ヒュ	hyo	ひょ	ヒョ
mya	みゃ	ミャ	myu	みゅ	ミュ	myo	みょ	ミョ
rya	りゃ	リャ	ryu	りゅ	リュ	ryo	りょ	リョ
gya	ぎゃ	ギャ	gyu	ぎゅ	ギュ	gyo	ぎょ	ギョ
ja	じゃ	ジャ	ju	じゅ	ジュ	jo	じょ	ジョ
bya	びゃ	ビャ	byu	びゅ	ビュ	byo	びょ	ビョ
pya	ぴゃ	ピャ	pyu	ぴゅ	ピュ	pyo	ぴょ	ピョ



Concept B: Take a print out of all the tracing sheets and practice hiragana in block notebook.

				Printing															
a	あ		あ	あ	あ	あ	あ												
			あ	あ	あ														
i	い		い	い	い	い	い												
			い	い	い														
u	う		う	う	う	う	う												
			う	う	う														
e	え		え	え	え	え	え												
			え	え	え														
o	お		お	お	お	お	お												
			お	お	お														

THE UNIVERSITY OF CHICAGO
INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL ENGINEERING
EE-561: ADVANCED TOPICS IN SIGNAL PROCESSING
LECTURE 1: INTRODUCTION TO THE COURSE

1.1 COURSE OBJECTIVES

1.2 COURSE STRUCTURE

1.3 COURSE MATERIALS

1.4 COURSE SCHEDULE

1.5 COURSE FACULTY

1.6 COURSE CONTACTS

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EECS 441: DIGITAL SIGNAL PROCESSING
LECTURE 10: DISCRETE-TIME SYSTEMS

1.1. INTRODUCTION

1.2. DISCRETE-TIME SYSTEMS

1.3. SUMMARY

1.4. DISCRETE-TIME SYSTEMS

1.5. DISCRETE-TIME SYSTEMS

1.6. DISCRETE-TIME SYSTEMS

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1.1. INTRODUCTION

1.2. DISCRETE-TIME SYSTEMS

1.3. SYSTEM REPRESENTATION

1.4. SYSTEM ANALYSIS

1.5. SYSTEM DESIGN

1.6. SUMMARY

THE UNIVERSITY OF CHICAGO
GRADUATE SCHOOL OF BUSINESS
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LECTURE 10: DISCRETE-TIME FOURIER TRANSFORM

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