

HANDWRITING CHARACTERISTICS

KNOWN QUESTIONED

I.Pressure Patterns

- A.Heavy downstrokes, light upstrokes
- B.Light downstrokes, heavy upstrokes
- C.Erratic pressure pattern
- D.No discernible difference in pressure
- E.Light pressure
- F.Moderate pressure
- G.Heavy pressure

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

II.Line Value

- A.High skill level - smooth flowing lines
- B.Average skill level - normal lines
- C.Low skill level - erratic line quality

_____	_____
_____	_____
_____	_____

III.Penstroke Movement

- A.Finger strokes
- B.Hand and wrist strokes
- C.Arm strokes
- D.Combination

_____	_____
_____	_____
_____	_____
_____	_____

IV.Connectors or ligatures

V.Garlands

- A.Arcades
- B.Angles
- C.No connectors
- D.Thready
 - F. Combinations
 - 1. Garlands and arcades
 - 2. Garlands and angles
 - 3. Arcades and angles
 - 4. Garlands, arcades & angles

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

VI.Letter forms

- A.Copybook style
- B.Slight modification
- C.Stylized
- D.Flourishes and embellishments
- E.Simplified
- F.Deteriorated
- G.Ill-formed
- H.Printed forms

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

VII.Rhythm

- A.Highly skilled: Regular return to baseline
- B.Average skill: Some variation in return to baseline
- C.Poor skill level: Erratic return to baseline

_____	_____
_____	_____
_____	_____

HANDWRITING CHARACTERISTICS

KNOWN QUESTIONED

B. Terminal strokes		
1. Short terminal strokes	_____	_____
2. Long terminal strokes	_____	_____
3. Straight horizontal terminals	_____	_____
4. Curved terminal strokes	_____	_____
5. High terminal upstrokes	_____	_____
6. Drooping terminal strokes	_____	_____
7. Hooks on terminal strokes	_____	_____
8. No terminal strokes	_____	_____
9. Lower loop does not return to baseline	_____	_____
C. Medial strokes		
1. Connected letters	_____	_____
2. Disconnected letters	_____	_____
3. Hooks on medial letters	_____	_____
D. T-Bar Crossings		
1. Shape of t-bar		
a. Straight	_____	_____
b. Curved - garland	_____	_____
c. Curved - arched	_____	_____
2. Height of t-bar		
a. High flying t-bar above stem	_____	_____
b. High t-bar on top of stem	_____	_____
c. Average t-bar height	_____	_____
d. T-bar in middle zone	_____	_____
3. Length of t-bar		
a. Short t-bar	_____	_____
b. Average length	_____	_____
c. Long t-bar	_____	_____
4. Direction of t-bar		
a. T-bar slanted down	_____	_____
b. T-bar slanted up	_____	_____
c. T-bar straight across t-stem	_____	_____
d. T-bar misses t-stem	_____	_____
(1) T-bar before stem	_____	_____
(2) T-bar after stem	_____	_____
5. Variations of T-bars		
a. Palmer t-bar	_____	_____
b. Looped from stem to bar	_____	_____
c. Crosses from right to left	_____	_____
d. Star-shaped t-bar	_____	_____
e. Connected to next letter	_____	_____
E. T- stems		
1. Looped	_____	_____
2. Retraced	_____	_____
3. Single stroke	_____	_____
4. Inverted v-formation	_____	_____

HANDWRITING CHARACTERISTICS

KNOWN QUESTIONED

F.I-dots - diacritics

1.Placement

- a.Immediately over stem of letter, "i"
- b.I-dot before stem of "i"
- c.I-dot after stem of "i"
- d.I dot high above stem of "i"
- e.Copybook style
- f.No i-dot

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

2.Shape of i-dot

- a.Static dot or round i-dot
- b.Dashed up, down or diagonally
- c.Hooked i-dot
- d.Curved i-dot
- e.Circle dot
- f.Heart-shaped i-dot

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

G. Circle letters

1.Uncontaminated loops - clear circles

2.Contaminated loops

- a.Single loop in joining strokes
- b.Double loop in joining strokes
- c.Double loop forming third loop in circle letters
- d.Hooked loops
- e.Terminal inside circle
- f. Retraced circle

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

3.Initial and terminal stroke location

- a.Center of circle letter
- b.Left of center
- c.Right of center
- d. Top of letter
- e.Right side of letter
- f.Bottom of letter
- g.Initial and terminal stroke crosses
- h.Initial and terminal stroke joined
- i.Initial and terminal strokes not joined
- j.Small gap in circle letter
- k.Large cap in circle letter

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

4.Circle direction

- a.Clockwise
- b.Counterclockwise

_____	_____
_____	_____

H.General letter forms

1.Rounded letters

- a.Hump letters, "h, n, m"
- b."S" rounded on top
- c.Looped letters "b, e, h, l"
- d.Rounded "w"

_____	_____
_____	_____
_____	_____
_____	_____

2.Pointed letters

- a.Hump letters "h, n, m"
- b.Looped letters "b, e, h, l"
- c.Letter "r"

_____	_____
_____	_____
_____	_____

HANDWRITING CHARACTERISTICS

KNOWN QUESTIONED

3.Inverted "v" formations		
a.Hump letters "h, n, m"	_____	_____
b.Looped letters "b, e, h, l"	_____	_____
c.Letter "r"	_____	_____
4.Flat-topped letters		
a.Upper looped letters "b, e, h, l"	_____	_____
b.Letter "r"	_____	_____
c.Hump letters "h, n, m"	_____	_____
I.Specific letter forms		
1.Greek E for letter "e" or "r"	_____	_____
2.Delta "d"	_____	_____
3.Figure 8 formation - "s" or "g"	_____	_____
4.Palmer "r"	_____	_____
5."G" composed of C & 7	_____	_____
XIV.Writing speed		
A.Fast	_____	_____
B.Slow	_____	_____
C.Average	_____	_____
XV.Legibility		
A.Legible	_____	_____
B.Illegible	_____	_____
XVI.Level of writing skill		
A.Highly skilled writer	_____	_____
B.Average writer	_____	_____
C.Low skill level	_____	_____
D.Illiterate	_____	_____
XVII.Grammar		
A.Grammatical errors		
1.No grammatical errors	_____	_____
2.Some grammatical errors	_____	_____
3.Many grammatical errors	_____	_____
B.Punctuation		
1.Correctly placed	_____	_____
2.Incorrectly placed	_____	_____
3.Absent	_____	_____
4.Idiosyncracies	_____	_____
5.Improper use of contractions	_____	_____
C.Spelling		
1.No errors	_____	_____
2.Misspelled difficult words	_____	_____
3.Misspelled easy words but correctly spelled difficult words	_____	_____
4.Misspelled many words.	_____	_____
D.Sentence structure		
1.Well-structured sentences	_____	_____
2.Poor sentence structure	_____	_____
3.All short sentences	_____	_____
4.Rambling sentences	_____	_____
5.Sentences properly organized into paragraphs	_____	_____
6.Poor organization of material	_____	_____
E.Colloquiums	_____	_____

XVIII. Range of writing

- A. Versatile writer
- B. Consistent writer
- C. Highly stylized writing
- D. Traditional writer

_____	_____
_____	_____
_____	_____
_____	_____

XIX. Key Characteristics

- A. Individual characteristics
- B. Stylized formations

_____	_____
_____	_____

OVERVIEW

SIMILAR DISSIMILAR

XX.Pressure Patterns	_____	_____
Depth of pressure	_____	_____
Vertical differences (between upstrokes & downstrokes)	_____	_____
Horizontal strokes such as t-bars	_____	_____
XXI.Line Value	_____	_____
XXII.Penstroke Movement	_____	_____
XXIII.Connectors or ligatures	_____	_____
XXIV.Letter Forms	_____	_____
XXV.Rhythm	_____	_____
XXVI.Size	_____	_____
A.Overall size of letters	_____	_____
1.Capital letters	_____	_____
2.Middle zone	_____	_____
3.Height of upper zone	_____	_____
4.Length of lower zone	_____	_____
5.Width of letters	_____	_____
B.Size of circle letters	_____	_____
C. Size of middle zone letters	_____	_____
D.Size of loops - upper and lower	_____	_____
E.Length of words	_____	_____
XXVII. Proportions	_____	_____
A.Zonal Proportions	_____	_____
1.Middle zone in proportion to upper zone	_____	_____
2.Middle zone in proportions to lower zone	_____	_____
3.Lower case letters in relation to capitals	_____	_____
B.Capital letters	_____	_____
C.Relationship of length to height	_____	_____
D.Relationship of individual letters	_____	_____
XXVIII.Alignment	_____	_____
A.Baseline	_____	_____
B.Margins	_____	_____
1.Left margin	_____	_____
2.Right margin	_____	_____
3.Top margin	_____	_____
4.Bottom margin	_____	_____
C.Placement on Signature Line	_____	_____
XXIX.Utilization of Space	_____	_____
A.Space between letters	_____	_____
B.Space between words	_____	_____
C.Space between lines	_____	_____
D.Spacing on forms/signature lines	_____	_____
E.Size of letters in relationship to space available	_____	_____
XXX.Slant	_____	_____

OVERVIEW (continued)

	SIMILAR	DISSIMILAR
XXXI. Letter designs	_____	_____
A. Lead-in strokes	_____	_____
B. Terminal strokes	_____	_____
C. Medial strokes	_____	_____
D. T-Bar Crossings	_____	_____
1. Shape of t-Bar	_____	_____
2. Height of t-bar	_____	_____
3. Length of t-bar	_____	_____
4. Direction of t-bar	_____	_____
E. T-stems	_____	_____
F. I-dots	_____	_____
1. Placement	_____	_____
2. Shape of i-dot	_____	_____
G. Circle Letters	_____	_____
1. Initial and terminal stroke location	_____	_____
2. Circle direction	_____	_____
H. General Letter Forms	_____	_____
XXXII. Writing speed	_____	_____
XXXIII. Grammar	_____	_____
A. Grammatical errors	_____	_____
B. Punctuation	_____	_____
C. Spelling	_____	_____
D. Sentence Structure	_____	_____
XXXIV. Range of writing	_____	_____
XXXV. Level of writing skill	_____	_____

Better than _____ equal to _____ less than known writing _____

DETERMINING THE SIGNS OF FORGERY

	Present	Absent
A. Traced forgeries		
1. Exact match or composite	_____	_____
2. Poor line quality	_____	_____
3. Patching	_____	_____
4. Erasures	_____	_____
5. Tremor	_____	_____
6. Blobs of ink	_____	_____
7. Hesitation	_____	_____
8. Traces of carbon	_____	_____
9. Indentation or overwrite	_____	_____
10. Outlining	_____	_____
B. Simulated forgeries		
1. Skill of the writer		
_____ Better than known writer		
_____ Equal to known writer		
_____ Less than known writer		
2. Poor line quality	_____	_____
3. Retracing	_____	_____
4. Erasures	_____	_____
5. Additions	_____	_____
6. Patching	_____	_____
7. Hesitation	_____	_____
8. Penlifts	_____	_____
9. Tremor	_____	_____
10. Dissimilarities to known writing	_____	_____
11. Misspellings	_____	_____
12. Habits of forger	_____	_____
13. Method of Construction	_____	_____
C. Signs of disguise in handwriting		
1. Change of slant (usually to back slant)	_____	_____
2. Slant reverts to original	_____	_____
3. Change of size	_____	_____
4. Substitute letter forms	_____	_____
5. Block printing	_____	_____
6. Opposite-hand writing	_____	_____
7. Grotesque letter forms	_____	_____
8. Handprinting	_____	_____
9. Lack of internal consistency	_____	_____
10. Unnecessarily corrected letter forms	_____	_____