

TITIKSHA DESAI KAMBLE*Questioned Documents & Forensics Expert*

To,
Mr. Snehal Bansilal Thakkar
Mumbai

Case Ref. No.: CRN042017
Date: 15-July-2017
No. of Exhibits: 05

Subject: To compare questioned exhibits with the known exhibits and provide opinion on the authorship of the signature in question.

DESCRIPTION OF QUESTIONED EXHIBITS SUBMITTED

Sr. No.	Exhibit No	Description of Exhibits
A)	CRN042017-01-Q1	B/W photocopy of a letter which is subjected as notice of resignation from the board of Directors, addressed to The Board of Directors of M/S RML Multitrade Pvt. Ltd., Mumbai from one 'Mrs. Snehal Bansilal Thakkar', dated 01-04-2014. The alleged questioned signature of Mr. Snehal Bansilal Thakkar on the document is marked as questioned exhibit Q1.
B)	CRN042017-02-Q2	B/W photocopy of a Part I - Form of Balance Sheet belonging to M/S RML Multitrade Pvt. Ltd., Mumbai, dated 15-09-2012. The alleged questioned signature of Mr. Snehal Bansilal Thakkar on the document is marked as questioned exhibit Q2.
C)	CRN042017-03-Q3	B/W photocopy of a letter dated 09-11-2010 addressing to the opening of a bank account in Dena Bank, Bhat Bazar branch, Mumbai as resolved in the minutes of the meeting of M/S RML Multitrade Pvt. Ltd. The alleged questioned signature of Mr. Snehal Bansilal Thakkar on the document is marked as questioned exhibit Q3.

DESCRIPTION OF KNOWN / SPECIMEN EXHIBITS SUBMITTED

Sr. No.	Exhibit No	Description of Exhibits
A)	CRN042017-04-K1	B/W photocopy of a letter addressed to The Branch Manager, Dena Bank, Bhat Bazar Branch, Mumbai, from Mr. Snehal Bansilal Thakkar, dated 15-10-2015, regarding the misuse of his name in black money scandal. The known signature of Mr. Snehal Bansilal Thakkar on the document is marked as known exhibit K1:

TITIKSHA DESAI KAMBLE

Questioned Documents & Forensics Expert

B)	CRN042017-05-S1 CRN042017-05-S2 CRN042017-05-S3 CRN042017-05-S4 CRN042017-05-S5 CRN042017-05-S6 CRN042017-05-S7 CRN042017-05-S8 CRN042017-05-S9	Specimen signature samples of Mr. Snehal Bansilal Thakkar taken in presence of witness on 10-07-2017 and on 11-07-2017. The specimen signatures are marked as specimen exhibits S1 to S9.
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Note:

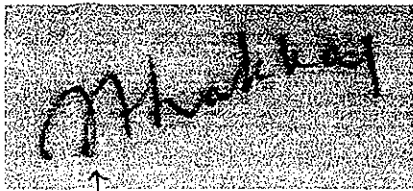
1. Opinion formed on basis of examination of photocopied documents or mechanical reproduction of original documents is subject to change upon examination of original documents.
2. Specimen signature sampling of the specimens provided is done using random sampling method.

In reference to the above, all exhibits were analyzed thoroughly using all scientific modes required necessary for such examination and following are my finding -

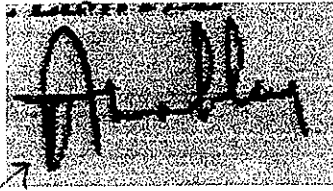

TITIKSHA DESAI KAMBLE
Questioned Documents & Forensic Expert

OBSERVATION

1. Known exhibit K1 and specimen exhibits S1 to S9 show an embellished formation of the first character of the signature. Similar embellished formation of the first character is also observed in questioned exhibit Q3, whereas questioned exhibits Q1, Q2, do not show any similarity in the formation of the first character with the known and specimen exhibits.



Q1



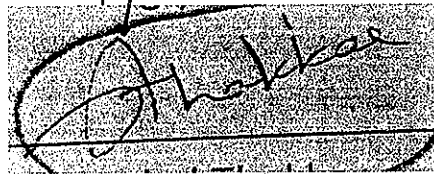
Q2



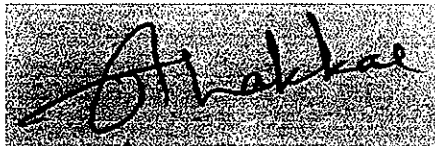
Q3

differences prominently observed

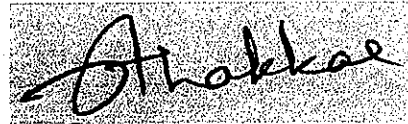
embellished formation



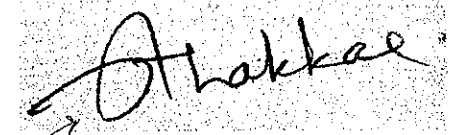
K1



S1



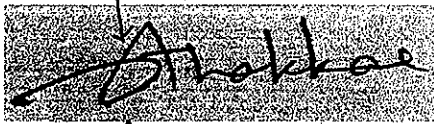
S2



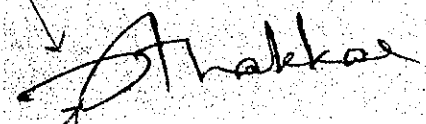
S3

embellished formations

embellished formations



S4



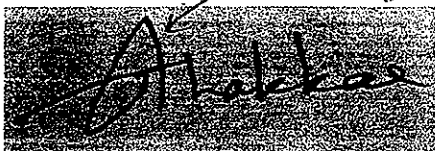
S5



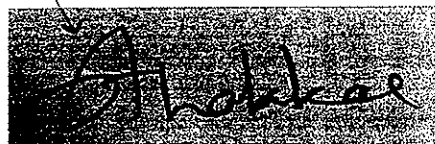
S6

embellished formations

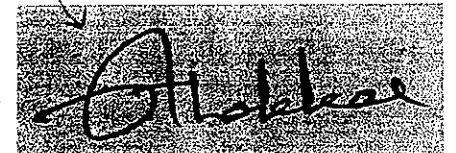
embellished formations



S7

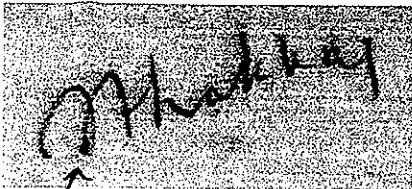


S8



S9

2. Known exhibit K1 and specimen exhibits S1 to S9 show an extended beginning stroke formation of the first character with inward hook-like feature. Similar extended beginning stroke with inward hook-like formation of the first character is also seen in questioned exhibit Q3. Whereas in questioned exhibit Q1 an arcade like formation of the first character is observed resembling the letter 'M', and questioned exhibit Q2 shows formation of the first character resembling the letter 'A' with an inward stroke like formation.



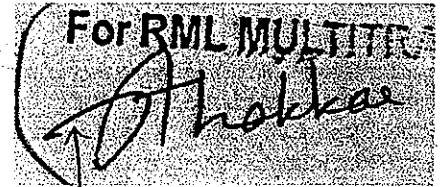
Q1

arcade formation of connecting stroke resembling letter 'M'



Q2

resembles letter 'A' with inward stroke formation



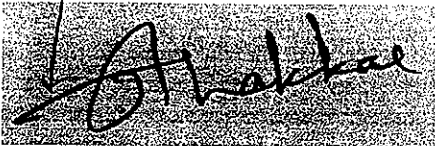
Q3

extended beginning stroke with hook start.

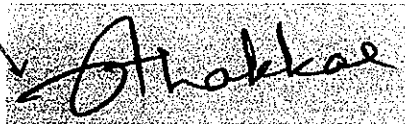


K1

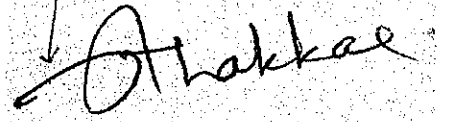
extended beginning stroke with hook start.



S1

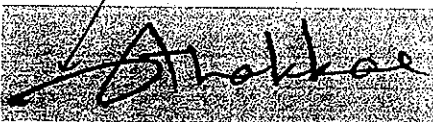


S2

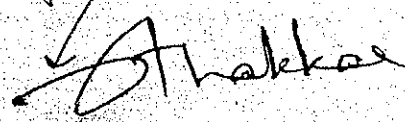


S3

extended beginning stroke with hook start



S4

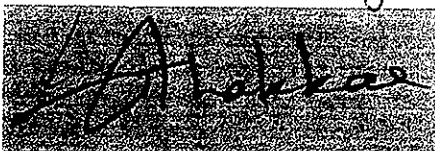


S5

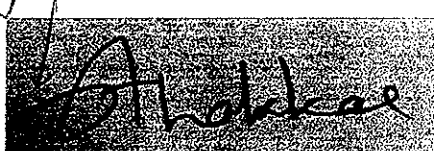


S6

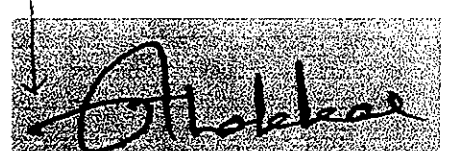
extended beginning stroke with hook start



S7



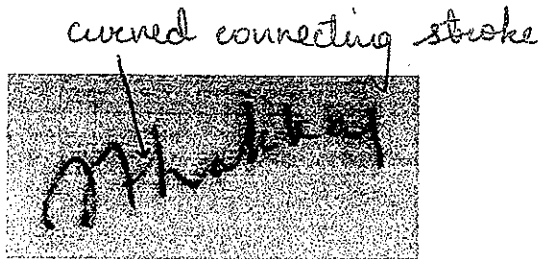
S8



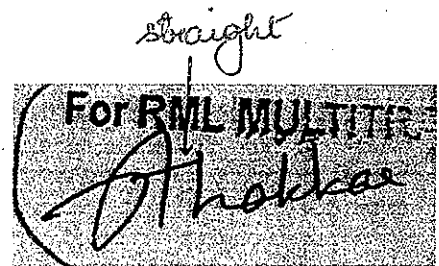
S9

Bu...

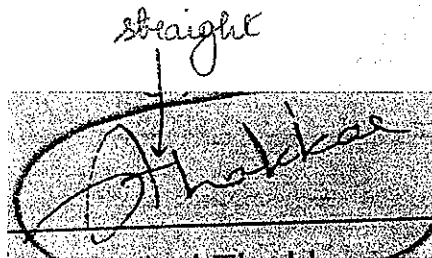
3. Known exhibit K1 and specimen exhibits S1 to S9 show straight connecting stroke formation between first and second character of the signatures, whereas in questioned exhibit Q3 similar straight connecting stroke formation is observed while in questioned exhibit Q1 it appears curved.



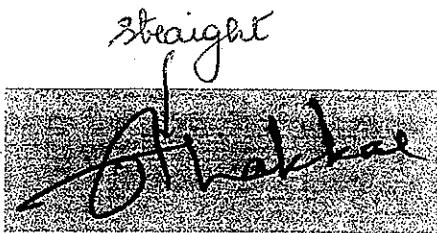
Q1



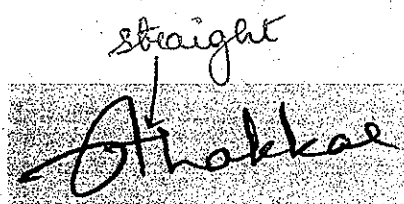
Q3



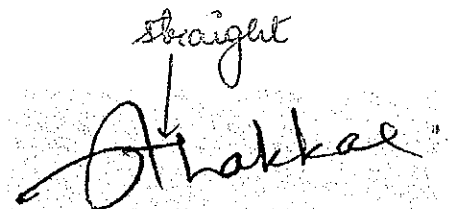
K1



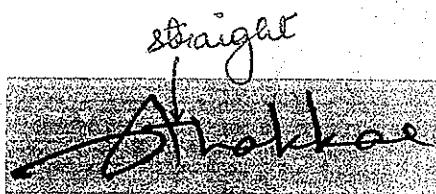
S1



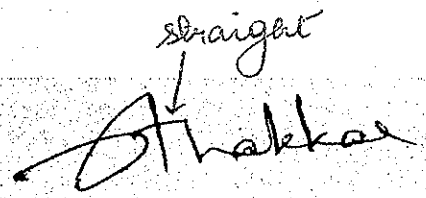
S2



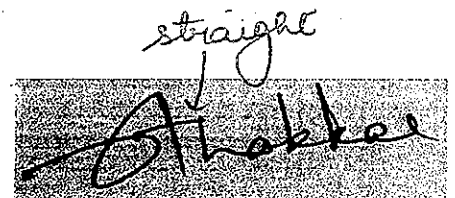
S3



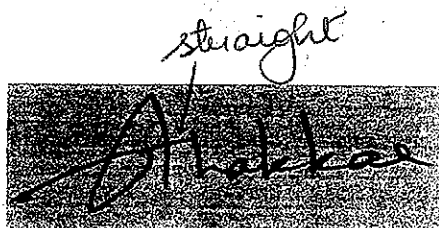
S4



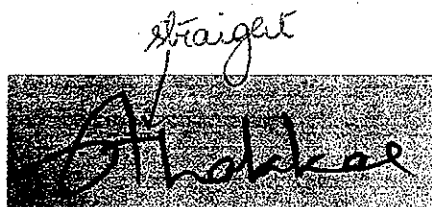
S5



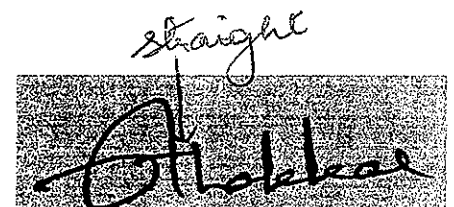
S6



S7

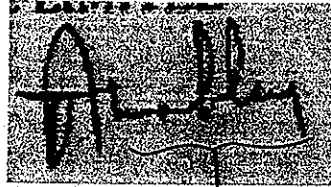


S8



S9

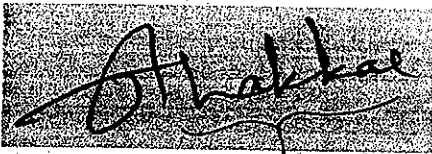
4. Questioned exhibit Q2 appears ambiguous in its formation, whereas known exhibit K1 and specimen exhibits S1 to S9 show relatively clear formation of the signatures.



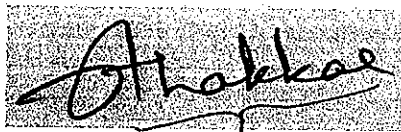
Q2 Ambiguity



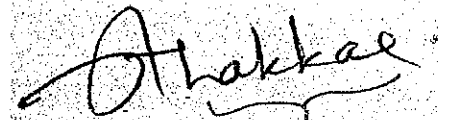
K1 relatively clear formation



S1 relatively clear formation

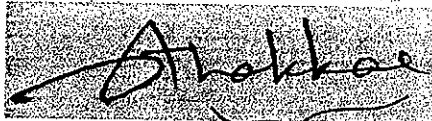


S2

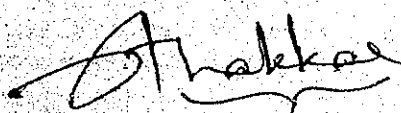


S3

relatively clear formation

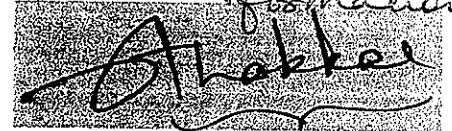


S4



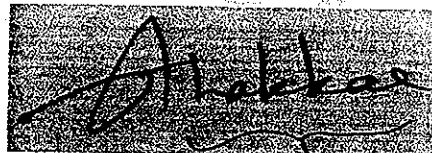
S5

relatively clear formation

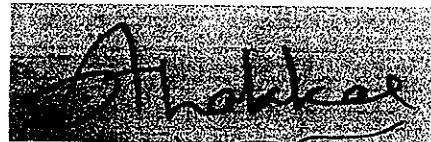


S6

relatively clear formation



S7



S8

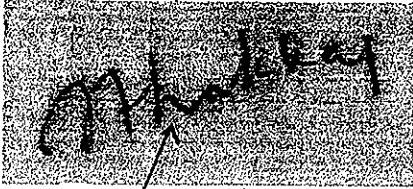
relatively clear formation



S9

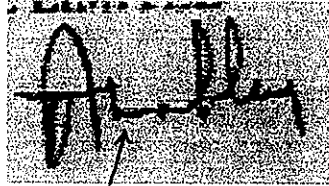
relatively clear formation

5. In known exhibit K1 and specimen exhibits S1 to S9 the hump of the letter 'h' is forward slanting with a narrow counter area. Similar formation of the letter 'h' is also observed in questioned exhibit Q3, whereas in questioned exhibit Q1 the hump of the letter 'h' is touching the stem and has a wider counter area, and in questioned exhibit Q2 the letter formation is relatively ambiguous.



Q1

hump touching the stem with wide counter area.



Q2

letter 'h' relatively ambiguous



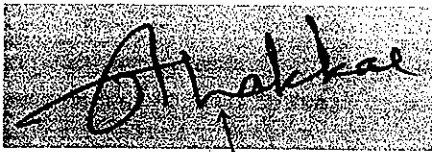
Q3

hump away from stem with narrow counter area



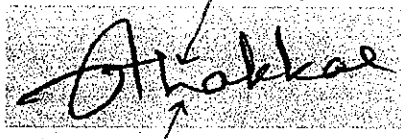
K1

hump away from stem with narrow counter area

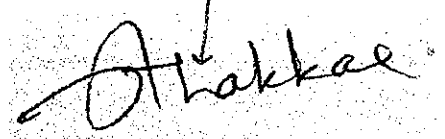


S1

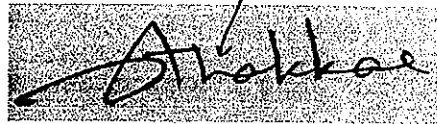
hump away from stem with narrow counter area



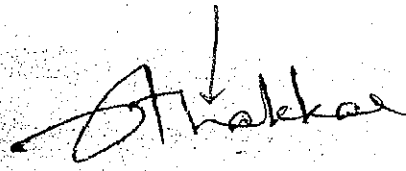
S2



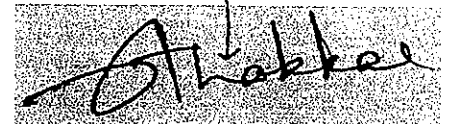
S3



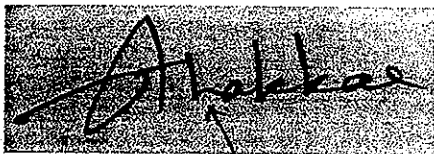
S4



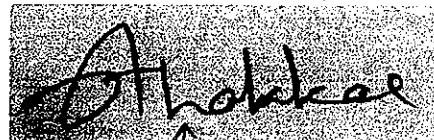
S5



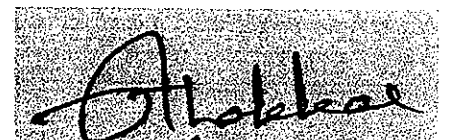
S6



S7



S8

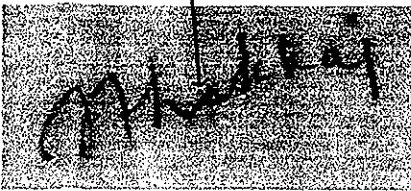


S9

hump away from stem with narrow counter area

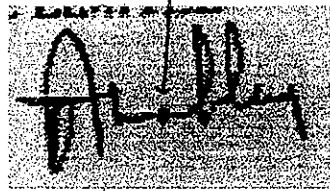
6. Known exhibit K1 and specimen exhibits S1 to S9 show a downward pen movement in the formation of the letter 'a', whereas in questioned exhibit Q1 the pen movement is upwards. Questioned exhibit Q3, however, shows similar downward pen movement in the formation of the letter 'a', while in questioned exhibit Q2 the letter appears relatively ambiguous.

upward pen movement



Q1

ambiguous

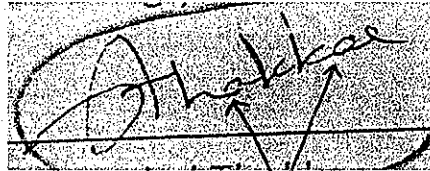


Q2



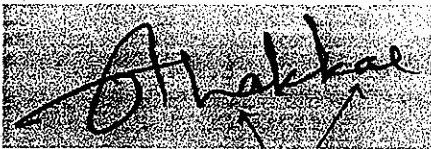
Q3

downward pen movement



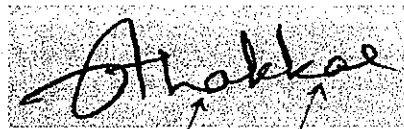
K1

downward pen movement

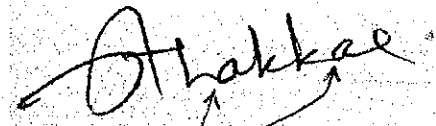


S1

downward pen movement

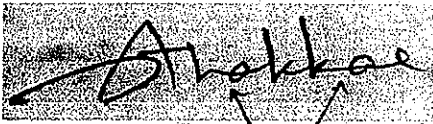


S2



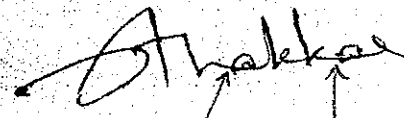
S3

downward pen movement



S4

downward pen movement

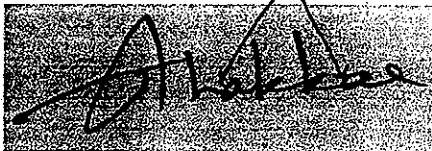


S5



S6

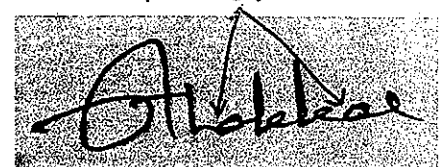
downward pen movement



S7

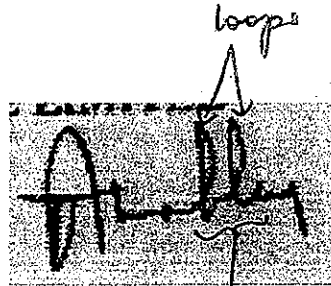


S8



S9

7. In questioned exhibit Q2 loops are observed in the letter 'k' with ill-defined buckle formation, whereas in known exhibit K1 and specimen exhibits S1 to S9 the letter 'k' appears retraced with well-defined buckle formations.



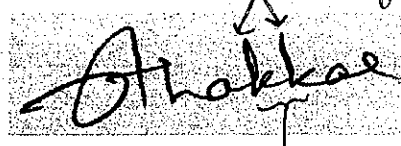
Q2 ill defined buckle formation



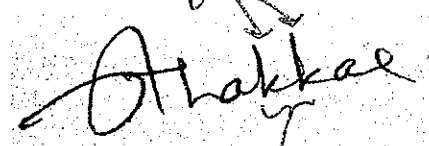
K1 retraced stems with well-defined buckle formation



S1

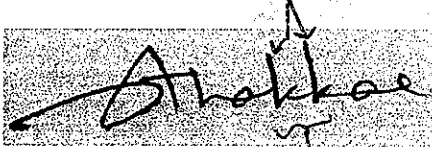


S2

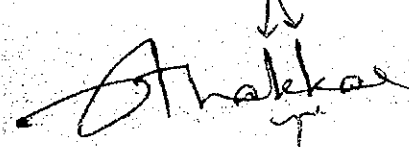


S3

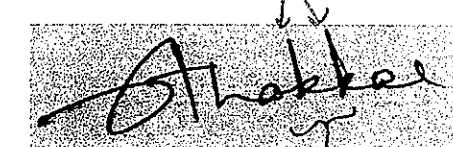
retraced stems with well-defined buckle formation



S4

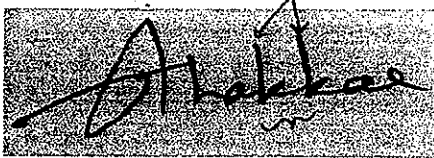


S5

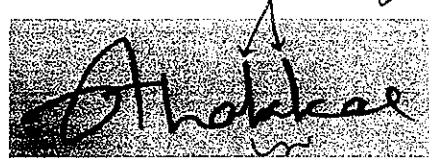


S6

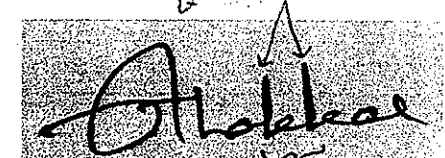
retraced stems with well-defined buckle formation



S7



S8



S9



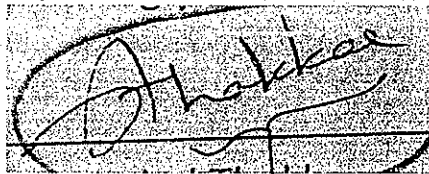
8. In questioned exhibit Q1 pen lifts are observed whereas in known exhibit K1 and specimen exhibits S1 to S9 no pen lifts are observed. Questioned exhibit Q3 also shows no pen lifts during the formation of the signature.



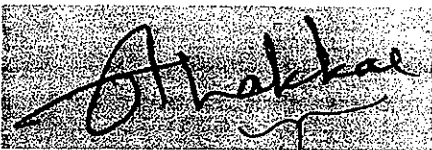
Q1 pen lifts



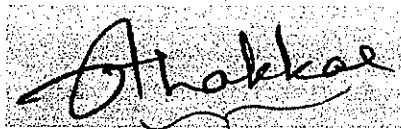
Q3 no pen lifts



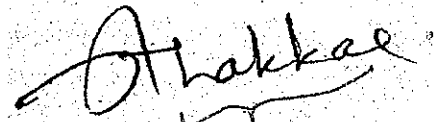
K1 no pen lifts



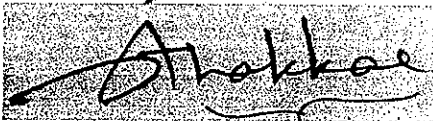
S1 no pen lifts



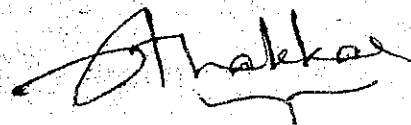
S2 no pen lifts



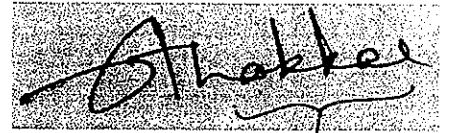
S3 no pen lifts



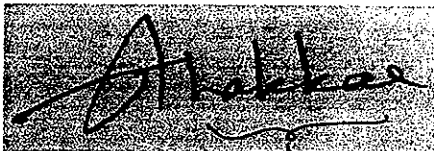
S4 no pen lifts



S5 no pen lifts



S6 no pen lifts



S7 no pen lifts



S8 no pen lifts

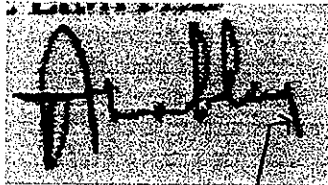


S9 no pen lifts

9. In questioned exhibits Q1 and Q2 a single downward ending stroke is observed, whereas in known exhibit K1 and specimen exhibits S1 to S9 an eyelet formation is observed with the ending stroke closely in line with the signatures. Questioned exhibit Q3 also shows a similar eyelet formation with ending stroke closely in line with the signature.



Q1



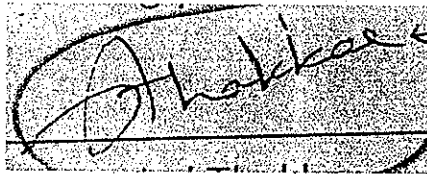
Q2



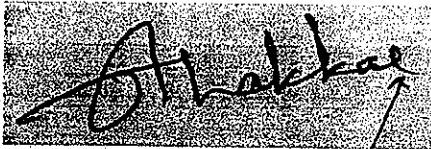
Q3

single downward ending stroke
no eyelet formation

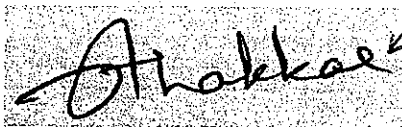
eyelet formation with
ending stroke in
line with the
signature



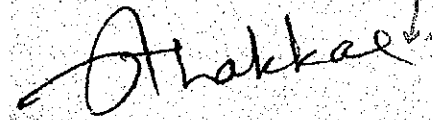
K1



S1

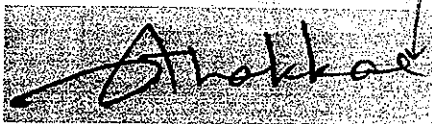


S2

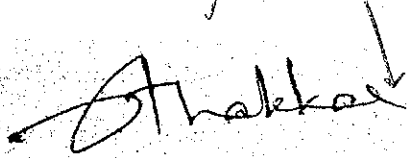


S3

eyelet formation with ending stroke in line with the signature



S4

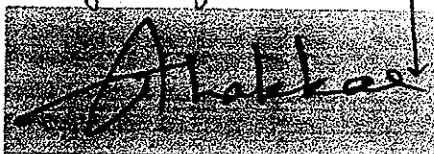


S5

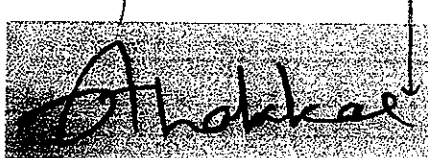


S6

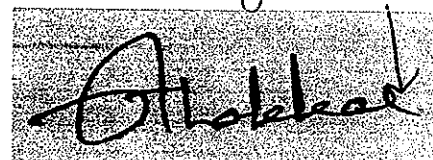
eyelet formation with ending stroke in line with the signature



S7

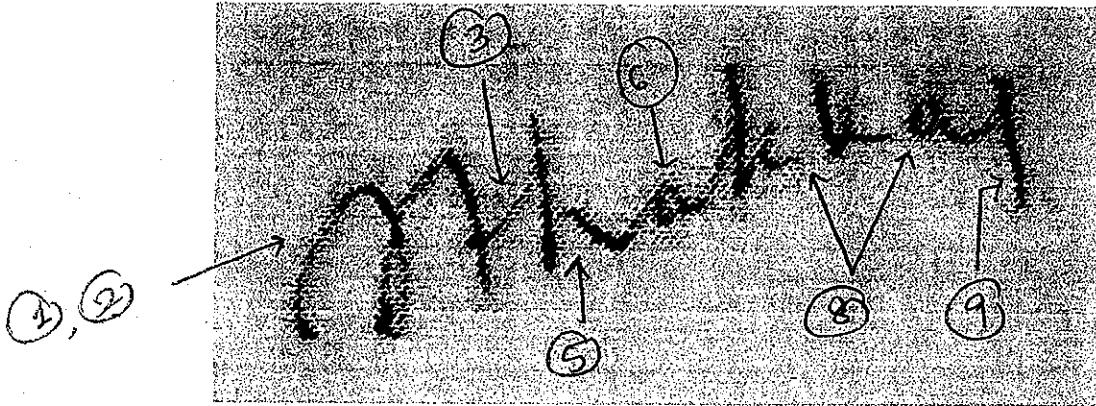


S8

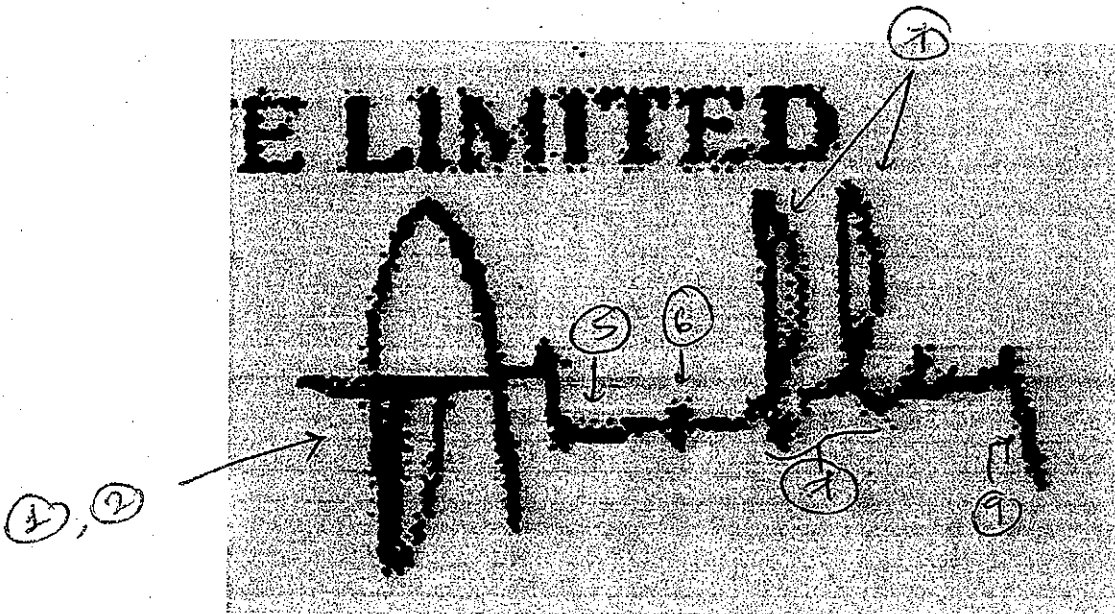


S9

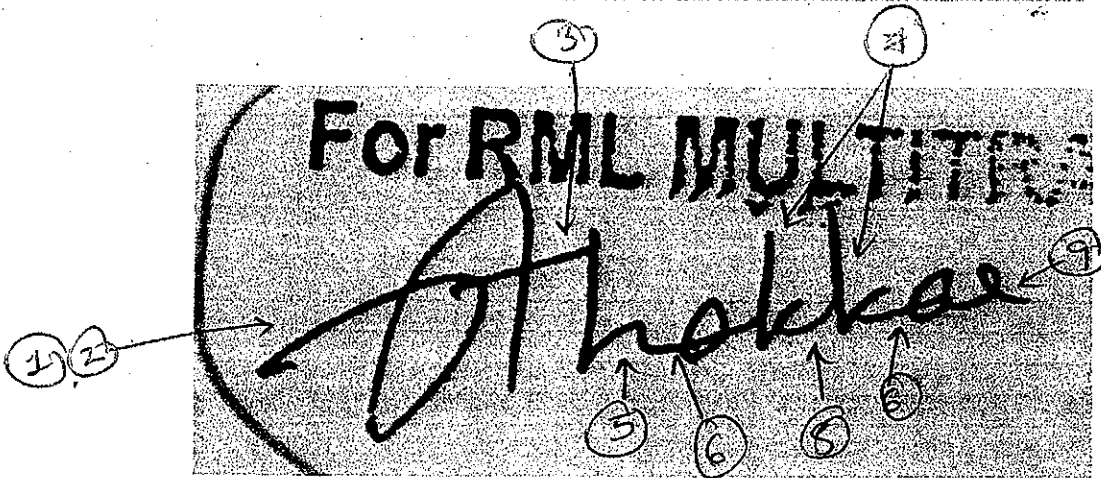
QUESTIONED SIGNATURE EXHIBITS



Q1



Q2



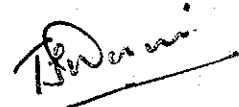
Q3

CONCLUSION

Based upon the result of my analysis, I am of the opinion that,

- Questioned Exhibits Q1, Q2 and Known/Specimen Exhibits K1, S1 to S9 are of different authorship.
- Questioned Exhibit Q3 and Known/Specimen Exhibits K1, S1 to S9 are of common authorship.

Yours Sincerely,



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TITIKSHA DESAI KAMBLE

Questioned Documents & Forensic Expert

Enclosed herewith -

1. Questioned Exhibit Q1, Q2, Q3.
2. Known Exhibits K1.
3. Specimen Exhibits S1 to S9.