



PF-003-001657

Seat No. _____

B. Sc. (Forensic Science) (Sem. VI) (CBCS) Examination

July - 2018

FS - 601 : Fingerprint & Questioned Documents

Faculty Code : 003

Subject Code : 001657

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Instructions :** (1) This question paper contains three questions. All are compulsory.
(2) Draw neat and labeled diagrams wherever necessary.
(3) Figure to the right indicate marks.

- 1** Give the answers of following questions : **20**
- (1) Arches may have appearance of delta and core but there is no ridge counting. True or False
 - (2) How many delta and core are there in loop pattern?
 - (3) Super glue fuming technique is called as _____
 - (4) Whorl patterns have _____ delta and _____ core.
 - (5) Ridge counting is done between _____
And _____
 - (6) _____ is known as Burglar's visiting card.
 - (7) Florescent developing powders are used on _____ surface.
 - (8) Silver nitrate reacts with _____ to give developed finger print image.
 - (9) Cyanoacrylate fuming process develops print in _____ color.
 - (10) To establish absolute identity between two pairs, Minimum _____ points in sequence are required.
 - (11) What is the Full form of AFIS ?

- (12) Face can lie, finger print Never. True or false?
- (13) What is disguise ?
- (14) Handwriting on a "lack board or wall is _____ movement.
- (15) If questioned signature is replica of another it indicates forgery by _____
- (16) Section related to question document
- (17) Full form of GEQD.
- (18) Define admitted writing.
- (19) Define speed of writing.
- (20) Types of passport on the basis of color of cover page.

2 Give the answers of following questions as per instruction :

(A) Write any **three** out of six : **6**

- (1) Define pattern area and hiatus
- (2) Define delta and core.
- (3) Classify fingerprint pattern.
- (4) Define: Radial & Ulnar loop.
- (5) What is the necessity to obtain plain prints?
- (6) Define: Whorls & give it types.

(B) Write any **three** out of six : **9**

- (1) Describe composite fingerprint pattern.
- (2) Glands responsible for secretion of sweat.
- (3) Describe powder method for development of fingerprint.
- (4) Define delta, core type line and pattern area with figure
- (5) What are the patterns on fingers having primary classifications.
- (i) 31/11 (ii) 30/21 (iii) 8/30
- (6) Give Henry classification of

\21	\8	\10	W1	\12
16/	12/	8/	6/	10/

(C) Write any **two** out of five : 10

- (1) Write about ten digit Rolled prints on F.I.Slip and chance print comparison.
- (2) Define loop and whorl and explain ridge counting and ridge tracing.
- (3) Different methods for the development of latent fingerprint.
- (4) Do fingerprint classification of

\6	\10	\11	W0	\8
/18	/7	WI	/13	/3

[LM & LR Webbed]

- (5) Do fingerprint classification of

<i>WI</i>	<i>Wo</i>	<i>L9</i>	<i>L8</i>	<i>W</i>
←	—	Missing	—	→

3 Give the answers of following questions as per instruction :

(A) Write any **three** out of six : 6

- (1) Define "Questioned Document "and why writing is called "Brain Writing"?
- (2) Give the example of class characteristics.
- (3) Classification of document
- (4) Movements of writing.
- (5) Define signature and characteristics of genuine signature.
- (6) Equipment used for document examination.

(B) Write any **three** out of six : 9

- (1) Care and handling of document during forensic analysis.
- (2) Write a note on collection & preservations of questioned documents.
- (3) Define signature and characteristics of genuine and forged signature.
- (4) Explain tracing of signature.
- (5) What are handwriting principles? Explain
- (6) Define document, question document and nature of problems related to question document.

(C) Write any **two** out of five :

10

- (1) Explain various types of general handwriting characters.
 - (2) Describe security features of Indian passport
 - (3) Describe examination of counterfeit coins.
 - (4) Write a note on tampering of document
 - (5) Write note on "Disguised Writing".
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