



ALL INDIA BOARD EXAMINATION FOR FINGER PRINT EXPERTS – 2021

New Delhi
THEORY

Time Allowed: 3 Hrs.
Date: 04 December 2021

Max Marks: 100
Pass Marks: 60

N.B.

- Answers should be brief and to the point
- Answers may be given in Hindi / English
- Each question carries 10 marks.

Q - I Fill in the Blanks (1x10)

- 1 No powder is necessary for developing _____ prints.
- 2 The decision of giving opinion on eight identical points was taken at _____ during first biennial forensic science conference in the year _____.
- 3 The credit of giving the idea that "an unidentified criminal can be traced through his chance print left at the crime scene goes to _____
- 4 An inked print on white paper where ridges appear as white is called a _____ print.
- 5 The webbing of the fingers is called _____
- 6 Central Finger Print Bureau of NCRB was started on _____
- 7 Very faint and blurred blood prints can be made visible more clear by using _____ solution.
- 8 Magna brush was invented by _____
- 9 Edgescopy as a means of identification was suggested by _____
- 10 Two associates of Sir E.R. Henry _____ and _____ had been accepted as two _____ pioneers of Finger Print Science.

Q-II State True or False (1x10)

- 1 Core and Delta are always clearly visible in plain impressions.
- 2 With plain finger prints, the rolled finger prints can be verified
- 3 To compare the fingerprints, ridge characteristics are necessary.
- 4 John Evengelst Purkinji was the first person to classify finger print patterns.
- 5 Finger prints indicate the number of culprits involved in the crime

- 6 The depressions in between the elevated ridges of the friction skin are called furrows.
- 7 The mummified stage comes after decomposition stage
- 8 Finger prints of unknown dead body cannot be taken
- 9 Finger print slips of two kinds one is finger print record slip and second one is finger print Search slip.
- 10 Visible prints are those made by some coloured substances like blood, ink, paints

Q. III How will you develop chance prints on the following articles? (1X10)

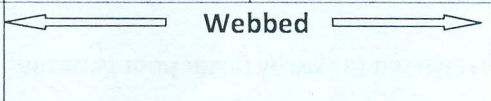
- 1 Inside a transparent glass tumbler
- 2 Blood stain sword
- 3 Old documents
- 4 Stainless steel handle of an almirah.
- 5 Black coloured tile
- 6 Enamel plate
- 7 On body of black coloured mobile phone
- 8 On black paper
- 9 White coloured tile
- 10 Currency note

Q.IV Write the correct answer. (2X5)

a) Criticize the following formula taking primary as correct

$$\frac{5}{19} \frac{rRa}{aA}$$

b) Find the primary classification formula for record & search.

Right Thumb	Right Index	Right Middle	Right Ring	Right Little
Ulnar loop	Twinned loop	Whorl	Missing	Whorl
Left Thumb	Left Index	Left Middle	Left Ring	Left Little
Ulnar loop	Tented Arch	Whorl	Whorl	Missing
				

Q. V Can finger prints be forged? Mention some methods of forgery. How will you distinguish between a real finger print and a forged one? (1X10)

