

**ALL INDIA BOARD EXAMINATION FOR FINGER PRINT EXPERTS - 2017**  
**FINGER PRINT (THEORY)**

**FULL MARKS: 100**  
**TIME ALLOWED : 3 HRS**

**PASS MARKS: 60**  
**DATE: 26/03/2018**

**Note: 1) Answer may be written in English or Hindi.**

**2) All questions are compulsory**

**Q.1                    Fill in the blanks. 10 marks**

- I    The First finger print bureau of the world was established in \_\_\_\_\_ in the year \_\_\_\_\_
- II   Two Associates of Sir E.R. Henry \_\_\_\_\_ and \_\_\_\_\_ had been accepted as two Indian Pioneers of the world
- III   Ridge characteristics are also known as \_\_\_\_\_ and \_\_\_\_\_
- IV   Ninhydrin solution reacts with the \_\_\_\_\_
- V    Contents of sweat are \_\_\_\_\_ and \_\_\_\_\_
- VI   Finger print evidence is \_\_\_\_\_ u/s \_\_\_\_\_
- VII   \_\_\_\_\_ is the term applied to the study of pore structure as a means of identification.
- VII   \_\_\_\_\_ And \_\_\_\_\_ are the maximum available finger print patterns.
- I    \_\_\_\_\_
- IX   Delta may be formed by \_\_\_\_\_ or \_\_\_\_\_
- X    There are two arch type patterns: namely \_\_\_\_\_ and \_\_\_\_\_

**Q2                    State Whether True or False 10 marks**

- I    Core and delta are necessary for finger print compression
- II   Identical twins have identical finger prints
- III   Palm prints are not admissible evidence
- IV   Taking finger prints of arrested person is violation of constitutions rights
- V    One single point of non-identity is sufficient to prove the non-identity between two prints
- VI   Creases are permanent
- VII   Fingerprints of male and female can be distinguished.
- VII   Ridges are change after death
- I    \_\_\_\_\_
- IX   sole print is not useful for identification-
- X    Latent finger prints (chance prints) may be destroyed by strong sun light and heat

**Q.3                    Find the primary classification formulae of the following for Record. & Search. 10 marks**

<b>Right Thumb</b>	<b>Right Index</b>	<b>Right Middle</b>	<b>Right Ring</b>	<b>Right Little</b>
Ulnar loop	Whorl	Ulnar loop	Missing	Amputated
<b>Left Thumb</b>	<b>Left Index</b>	<b>Left Middle</b>	<b>Left Ring</b>	<b>Left Little</b>
Amputated	Amputated	Whorl	Ulnar loop	W

**Q.4 Answer the following (Any Two) 10 marks**

- I** Which are the two basic principles of Finger Print Science? Explain it.
- II** Write in brief about the Automated Finger Print Identification System (AFIS)
- III** How will you take finger prints of dead body when rigours mortis has set in?

**Q.5 Write in brief the contribution of the following in finger print science (any four) 10 marks**

- I** Sir William Herschel
- II** Sir E.R. Henry
- III** Sir Francis Galton
- IV** Dr. Henry Faulds
- V** Sir Edmond Locord
- VI** Aziz-ul-Haque and Hemchnader Bose

**Q.6 Write Short On Any Two 10 marks**

- I** Digital Photography
- II** Finger print live scanner
- III** UIDAI (Aadhaar Card)

**Q.7 Answer the following 10 marks**

- I** Who is an Expert in accordance with the provision of law? (3 marks)
- II** Under which section of law you can take the finger prints? (4 marks)
- III** Give Details under which finger print evidence is admissible in court of law? (3 marks)

**Q.8 How will you develop chance prints on the following articles? (Any 10) 10 marks**

- |                               |  |
|-------------------------------|--|
| 1) On currency note.          | 9) A piece of soap                         |
| 2) Blood stain sword.         | 10) White painted door                     |
| 3) Old document.              | 11) Transparent Glass Tumbler              |
| 4) Brown leather Bag.         | 12) Cover page of a multi-colored magazine |
| 5) T.V. Screen.               | 13) Bottle smeared with oil                |
| 6) Steel Handle of the car    | 14) Black Polythene bag                    |
| 7) Dust print on Table.-      | 15) Wooden Surface                         |
| 8) Rear view mirror of a car. |  |

**Q.9 Answer the following 10 marks**

Explain in brief the difference between forged prints & Genuine prints.

**Q.10 Answer the following 10 marks**

What is the objective of finger print science? How it is useful for Police Department and other purposes?