

M.Sc.(FS) Semester - 2 (CBCS) Examination**May/June-2021****Fingerprints and Questioned Documents****Time: 1:30 Hours****Marks: 42****Instructions:**

1. Figure to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

-
- Q.1 (a) 1 Question of 4 Marks OR 2 Questions of 2 Marks Each. 4 Marks**
1. Discuss about the contribution of Sir Edward R. Henry for Fingerprint development in India.
- Q.1 (b) Answer any two questions out of three. 10 Marks**
- (1) Write a brief note on Single Digit fingerprint identification system. 5
- (2) Describe the process of development of fingerprint ridges that are unique for every individual. 5
- (3) Discuss about the diseases that hinders the formation and development of fingerprints. 5
- Q.2 (a) 1 Question of 4 Marks OR 2 Questions of 2 Marks Each. 4 Marks**
1. Differentiate between Original and Artificial Fingerprints.
- Q.2 (b) Answer any two questions out of three. 10 Marks**
- (1) Describe the significance of AFIS in crime investigation. 5
- (2) What are Live Scanners? Mention about its working procedure. 5
- (3) What are plastic prints? Discuss the method of collection of such prints from crime site. 5
- Q.3 (a) 1 Question of 4 Marks OR 2 Questions of 2 Marks Each. 4 Marks**
1. Define: a. Contested Documents b. Holographic documents
2. State Section-47 of Indian Evidence Act.
- Q.3 (b) Answer any two questions out of three. 10 Marks**
- (1) Describe the significance of UV and IR photography in document examination 5
- (2) What do you mean by "Request writings"? How such samples are collected? 5
- (3) Discuss various precautions taken by expert while handling and preservation of document exhibits. 5
- Q.4 (a) 1 Question of 4 Marks OR 2 Questions of 2 Marks Each. 4 Marks**
1. "More you deviate from copybook form; more unique will be the handwriting" Justify.
- Q.4 (b) Answer any two questions out of three. 10 Marks**
- (1) Mention 5 characteristics of handwriting. 5
- (2) Differentiate between Disguise and Simulation 5
- (3) What are transplanted signatures? How such forgeries can be detected? 5
- Q.5 (a) 1 Question of 4 Marks OR 2 Questions of 2 Marks Each. 4 Marks**
1. "Age of document cannot be determined with accuracy". Comment.
- Q.5 (b) Answer any two questions out of three. 10 Marks**
- (1) You as a forensic expert receives a case file with a sealed exhibit parcel and a specimen seal impression in forwarding file. Describe the procedure you will follow to establish the authenticity of the seal impression on the exhibit parcel. 5
- (2) Expand the term ESDA. Mention its working and significance 5
- (3) List out some important security features of Indian Currency of 100 denomination 5

