National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STATE FORENSIC SCIENCE LABORATORY, SHIMLA HILLS, JUNGA, SHIMLA, HIMACHAL PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/09/2021 to 25/09/2023 **Last Amended on** 21/10/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	FORENSIC- BIOLOGICAL SCIENCES	Biological material of human origin viz. blood, saliva, tissue, bones, teeth, hairs, semen, biological stains.	DNA Profiling - Autosomal STR & Y STR based	SFSL/SML/WPM/DNA.-Sec 1.1 to 1.9 SFSL/SML/WPM/DNA-Sec 2.1 to 2.2 SFSL/SML/WPM/DNA-Sec 3.1 to 3.2 SFSL/SML/WPM/DNA-Sec 4.1 to 4.3 SFSL/SML/WPM/DNA-Sec 5.1 to 5.2 SFSL/SML/WPM/DNA-Sec.6.1 to 6.2 SFSL/SML/WPM/DNA-Sec 8.0, Issue No. 1, Dated 21.09.2017
2	FORENSIC- BIOLOGICAL SCIENCES	Blood/blood stains on different substrates	Blood Grouping by i. Absorption-elution method	SFSL/SML/WPM/BIO&SERO-2.5(i), Issue No. 1 Dated 21.09.2017
3	FORENSIC- BIOLOGICAL SCIENCES	Blood/blood stains on different substrates	Detection by i. Benzidine Test, or, ii. Phenolphthalein Test	For (i) SFSL/SML/WPM/BIO&SERO-2.3(i) & For (ii) SFSL/SML/WPM/BIO&SERO-2.3(ii), Issue No. 1 Dated 21.09.2017
4	FORENSIC- BIOLOGICAL SCIENCES	Blood/blood stains on different substrates	Species of Origin by Gel-Diffusion Test	SFSL/SML/WPM/BIO&SERO-2.4(i), Issue No. 1 Dated 21.09.2017
5	FORENSIC- BIOLOGICAL SCIENCES	Diatom Examination	Detection of Diatoms by: Acid digestion method	SFSL/SML/WPM/BIO&SERO-6.2(i), Issue No. 1 Dated 21.09.2017
6	FORENSIC- BIOLOGICAL SCIENCES	Hair from crime scene, clothes or any other object	Identification & Comparison by, i. Morphological examination, ii. Microscopic examination	SFSL/SML/WPM/BIO&SERO-4.2(i) & (ii), Issue No. 1 Dated 21.09.2017
7	FORENSIC- BIOLOGICAL SCIENCES	Saliva stains on different substrates	Detection by:- Starch Iodine Test	SFSL/SML/WPM/BIO&SERO-5.2(i), Issue No. 1 Dated 21.09.2017
8	FORENSIC- BIOLOGICAL SCIENCES	Semen stains on different substrates	Confirmation by: Microscopic examination	SFSL/SML/WPM/BIO&SERO-3.2(iii), Issue No. 1 Dated 21.09.2017
9	FORENSIC- BIOLOGICAL SCIENCES	Semen stains on different substrates	Detection by, i. UV light examination of 254nm and 365nm, ii. Acid Phosphatase Test	SFSL/SML/WPM/BIO&SERO-3.2(i) and (ii), Issue No. 1 Dated 21.09.2017
10	FORENSIC- BIOLOGICAL SCIENCES	Skin, Tissue, Horns, Hoofs, Hair, meat, bone, teeth from wildlife, biles .	DNA Profiling for species Identification	SFSL/SML/WPM/DNA-Sec.6.1 to 6.2 SFSL/SML/WPM/DNA-Sec.7 SFSL/SML/WPM/DNA-Sec 8.0, Issue No. 1 Dated 21.09.2017

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11	FORENSIC- CHEMICAL SCIENCES	Aluminium	Lake Test	SFSL/SML/WPM/Chem & Toxi No.01- 5.3a,Issue No. 1, Dated 19.09.2017
12	FORENSIC- CHEMICAL SCIENCES	Barbiturates	i. Diphenyl carbazone test, ii. TLC, iii. Gas Chromatography with Mass Spectroscopic Analysis, iv. Multistat analysis	(i) SFSL/SML/WPM/Chem & Toxi No.01- 8.2.1.1, (ii) SFSL/SML/WPM/Chem & Toxi No.01- 8.2.1.2, (iii) SFSL/SML/WPM/Chem & Toxi No.01- 8.2.1.3 , (iv) SFSL/SML/WPM/Chem & Toxi No.01- 8.2.1.4,Issue No. 1, Dated 19.09.2017
13	FORENSIC- CHEMICAL SCIENCES	Cannabinoids	i. Fast blue B test, ii. Duquenois-Levine Test, iii. TLC, iv. Gas Chromatography with Mass Spectroscopic Analysis, v. Multistat analysis	(i) SFSL/SML/WPM/Chem & Toxi No.01- 8.2.2.1a, (ii) SFSL/SML/WPM/Chem & Toxi No.01- 8.2.2.1b, (iii) SFSL/SML/WPM/Chem & Toxi No.01- 8.2.2.2, (iv) SFSL/SML/WPM/Chem & Toxi No.01- 8.2.2.3 SFSL/SML/WPM/Chem & Toxi No.01- 8.2.2.4,Issue No. 1, Dated 19.09.2017
14	FORENSIC- CHEMICAL SCIENCES	Carbonate ion	i. Hydrochloric acid Test, ii. Silver Nitrate Test	(i) SFSL/SML/WPM/Chem& Toxi No.01-3.2. (a), (ii) SFSL/SML/WPM/Chem& Toxi No.01-3.2. (b), Issue No. 1 Dated 19.09.2017
15	FORENSIC- CHEMICAL SCIENCES	Copper	i. Ammonium hydroxide test, ii. Pot. Ferrocyanide test	(i) SFSL/SML/WPM/Chem & Toxi No.01- 5.2a, (ii) SFSL/SML/WPM/Chem & Toxi No.01- 5.2b,Issue No. 1, Dated 19.09.2017
16	FORENSIC- CHEMICAL SCIENCES	H2SO4	i. pH Test or Litmus Test, ii. Sulphate ion	(i) SFSL/SML/WPM/Chem & Toxi No.01- 1.2(a) & 1.2(b), (ii) SFSL/SML/WPM/Chem& Toxi No.01- 1.2(c), Issue No. 1, Dated 19.09.2017
17	FORENSIC- CHEMICAL SCIENCES	HCl	i. pH or Litmus Test, ii. Chloride ion	(i) SFSL/SML/WPM/Chem & Toxi No.01- 1.1(a) & 1.1(b), (ii) SFSL/SML/WPM/Chem& Toxi No.01- 1.1(c), Issue No. 1 Dated 19.09.2017

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18	FORENSIC- CHEMICAL SCIENCES	Phenolphthalein	i. pH Test, ii. Acid-Alkali Test, iii.TLC iv. Spectrophotometric examination	(i) SFSL/SML/WPM/Chem& Toxi No.01-3.1.1(a), (ii) SFSL/SML/WPM/Chem& Toxi No.01- 3.1.1 (b), (iii) SFSL/SML/WPM/Chem& Toxi No.01-3.1.3, (iv) SFSL/SML/WPM/Chem& Toxi No.01-3.1.4, Issue No. 1 Dated 19.09.2017
19	FORENSIC- CHEMICAL SCIENCES	Synthetic Pyrethroids	i.TLC, ii. Gas Chromatography with Mass Spectroscopic Analysis	(i) SFSL/SML/WPM/Chem & Toxi No.01- 6.4a, (ii) SFSL/SML/WPM/Chem & Toxi No.01- 6.4b,Issue No. 1, Dated 19.09.2017
20	FORENSIC- CHEMICAL SCIENCES	Zinc	i. Sodium hydroxide test, ii. Pot. Ferrocyanide test	(i) SFSL/SML/WPM/Chem& Toxi No.01- 5.1a, (ii) SFSL/SML/WPM/Chem& Toxi No.01- 5.1b,Issue No. 1, Dated 19.09.2017
21	FORENSIC- CHEMICAL SCIENCES	Amphetamine/ Methamphetamine	a. Colour tests - i. Marquis Test, ii. Simon's Test, iii. Gallic Acid Test, b. TLC, c. Fourier Transformation Infra Red Spectroscopic Analysis	a) - i. SFSL/SML/WPM/ NDPS No. 1-8.5.1.1, ii. SFSL/SML/WPM/ NDPS No. 1-8.5.1.2, iii. SFSL/SML/WPM/ NDPS No. 1-8.5.1.3 b) SFSL/SML/WPM/ NDPS No. 1-8.5.2, c) SFSL/SML/WPM/ NDPS No. 1-8.5.4, Issue No. 1, 21.09.2017
22	FORENSIC- CHEMICAL SCIENCES	Amphetamine/ Methamphetamine	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-8.5.5, Issue No. 1, 21.09.2017
23	FORENSIC- CHEMICAL SCIENCES	Amphetamine/ Methamphetamine	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-8.5.6, Issue No. 1, 21.09.2017
24	FORENSIC- CHEMICAL SCIENCES	Amphetamine/ Methamphetamine	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-8.5.3,Issue No. 1, 21.09.2017
25	FORENSIC- CHEMICAL SCIENCES	Barbiturates	a. Colour tests - Dille-Koppanyi Test, b. TLC c. Fourier Transformation Infra Red Spectroscopic Analysis	a) SFSL/SML/WPM/ NDPS No. 1-9.5.1.1, (b) SFSL/SML/WPM/ NDPS No. 1-9.5.2, c) SFSL/SML/WPM/ NDPS No. 1-9.5.4 , Issue No. 1 Dated 21.09.2017
26	FORENSIC- CHEMICAL SCIENCES	Barbiturates	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-9.5.5, Issue No. 1 Dated 21.09.2017

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27	FORENSIC- CHEMICAL SCIENCES	Barbiturates	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-9.5.6, Issue No. 1 Dated 21.09.2017
28	FORENSIC- CHEMICAL SCIENCES	Barbiturates	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-9.5.3, Issue No. 1 Dated 21.09.2017
29	FORENSIC- CHEMICAL SCIENCES	Basic drugs/poisons	i. Screening tests -Mayer's Reagent Test, ii. Screening tests -Dragendorff's reagent Test, iii. Colour test -Marquis test, iv. Colour test - Nitric acid test, v. Colour test- Formaldehyde-sulphuric acid test, vi. TLC, vii. Gas Chromatography with Mass Spectroscopic Analysis, viii. Multistat analysis	(i) SFSL/SML/WPM/Chem & Toxi No.01- 7.2.1a, (ii) SFSL/SML/WPM/Chem & Toxi No.01- 7.2.1b, (iii), (iv) & (v) SFSL/SML/WPM/Chem & Toxi No.01- 7.2.2, (vi) SFSL/SML/WPM/Chem & Toxi No.01- 7.2.3, (vii) SFSL/SML/WPM/Chem & Toxi No.01- 7.2.4, (viii) SFSL/SML/WPM/Chem & Toxi No.01- 7.2.5,Issue No. 1, Dated 19.09.2017
30	FORENSIC- CHEMICAL SCIENCES	Benzodiazepines	a. Colour test - i. Zimmerman Test, ii. HCl Test, iii. Vitali-Morrin Test, b. TLC, c. Fourier Transformation Infra Red Spectroscopic Analysis	a) i. SFSL/SML/WPM/ NDPS No. 1-10.5.1.1, ii. SFSL/SML/WPM/ NDPS No. 1-10.5.1.2, iii. SFSL/SML/WPM/ NDPS No. 1-10.5.1.3, b) SFSL/SML/WPM/ NDPS No. 1-10.5.2, c) SFSL/SML/WPM/ NDPS No. 1-10.5.5, Issue No. 1 Dated 21.09.2017
31	FORENSIC- CHEMICAL SCIENCES	Benzodiazepines	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-10.5.6, Issue No. 1 Dated 21.09.2017
32	FORENSIC- CHEMICAL SCIENCES	Benzodiazepines	High Performance Liquid Chromatography analysis	SFSL/SML/WPM/ NDPS No. 1-10.5.4, Issue No. 1 Dated 21.09.2017
33	FORENSIC- CHEMICAL SCIENCES	Benzodiazepines	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-10.5.7, Issue No. 1 Dated 21.09.2017
34	FORENSIC- CHEMICAL SCIENCES	Benzodiazepines	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-10.5.3, Issue No. 1 Dated 21.09.2017

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35	FORENSIC- CHEMICAL SCIENCES	Cannabis Products: Charas, Ganja, Bhang & Cannabis plants	a. Microscopy, b. Colour tests - i. Fast Blue-b Salt Test, ii. Duquenois –levine Test, iii. P-aminophenol Test, c. TLC, d. Fourier Transformation Infra Red Spectroscopic Analysis	a) SFSL/SML/WPM/ NDPS No. 1-5.5.1, b) i. SFSL/SML/WPM/ NDPS No. 1-5.5.2.1, ii. SFSL/SML/WPM/ NDPS No. 1-5.5.2.2, iii. SFSL/SML/WPM/ NDPSNo. 1-5.5.2.3, c) SFSL/SML/WPM/ NDPS No. 1-5.5.3, d) SFSL/SML/WPM/ NDPS No. 1-5.5.4, Issue No. 1 Dated 21.09.2017
36	FORENSIC- CHEMICAL SCIENCES	Cannabis Products: Charas, Ganja, Bhang & Cannabis plants	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-5.5.5, Issue No. 1 Dated 21.09.2017
37	FORENSIC- CHEMICAL SCIENCES	Cannabis Products: Charas, Ganja, Bhang & Cannabis plants	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-5.5.6, Issue No. 1 Dated 21.09.2017
38	FORENSIC- CHEMICAL SCIENCES	Carbamate	i. Colour test -Furfural Test, ii. TLC, iii. Gas Chromatography with Mass Spectroscopic Analysis	(i) SFSL/SML/WPM/Chem & Toxi No.01- 6.3a, (ii) SFSL/SML/WPM/Chem & Toxi No.01- 6.3b, (iii) SFSL/SML/WPM/Chem & Toxi No.01- 6.3c,Issue No. 1, Dated 19.09.2017
39	FORENSIC- CHEMICAL SCIENCES	Carbon monoxide	i. Hoppe-Seyler's test, ii. Carbon monoxide-carboxy haemoglobin test,	(i) SFSL/SML/WPM/Chem& Toxi No.01- 4.3.2a, (ii) SFSL/SML/WPM/Chem& Toxi No.01- 4.3.2b,Issue No. 1, Dated 19.09.2017
40	FORENSIC- CHEMICAL SCIENCES	Cocaine	a. Colour tests - Scott's Test, b. TLC, c. Fourier Transformation Infra Red Spectroscopic Analysis	a) SFSL/SML/WPM/ NDPS No. 1-6.5.1.1, b) SFSL/SML/WPM/ NDPS No. 1-6.5.2, c) SFSL/SML/WPM/ NDPS No. 1-6.5.4, Issue No. 1 Dated 21.09.2017
41	FORENSIC- CHEMICAL SCIENCES	Cocaine	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-6.5.5, Issue No. 1 Dated 21.09.2017
42	FORENSIC- CHEMICAL SCIENCES	Cocaine	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-6.5.6, Issue No. 1 Dated 21.09.2017
43	FORENSIC- CHEMICAL SCIENCES	Cocaine	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-6.5.3, Issue No. 1 Dated 21.09.2017

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44	FORENSIC- CHEMICAL SCIENCES	Ethyl alcohol	i. Dichromate Test, ii. Iodoform Test	(i) SFSL/SML/WPM/Chem& Toxi No.01- 4.1.1a, (ii) SFSL/SML/WPM/Chem& Toxi No.01- 4.1.1b,Issue No. 1, Dated 19.09.2017
45	FORENSIC- CHEMICAL SCIENCES	Ethyl alcohol estimation in Blood, urine samples	Modified Cuvette Method	SFSL/SML/WPM/Chem & Toxi No.01- 4.2a,Issue No. 1, 19.09.2017,Issue No. 1, Dated 19.09.2017
46	FORENSIC- CHEMICAL SCIENCES	Ethyl alcohol quantization in Blood, urine samples	GC-HS Method	SFSL/SML/WPM/Chem & Toxi No.01- 4.2b,Issue No. 1, Dated 19.09.2017
47	FORENSIC- CHEMICAL SCIENCES	Heroin	a. Colour test - i. Marquis Test, ii. Mecke Test, iii. FrohdeTest, b. TLC, c. Fourier Transformation Infra Red Spectroscopic Analysis	a) -i. SFSL/SML/WPM/ NDPS No. 1-4.5.1.1, ii. SFSL/SML/WPM/ NDPS No. 1-4.5.1.2, iii. SFSL/SML/WPM/ NDPS No. 1-4.5.1.3, b) SFSL/SML/WPM/ NDPS No. 1-4.5.2, c) SFSL/SML/WPM/ NDPS No. 1-4.5.5, Issue No. 1 Dated 21.09.2017
48	FORENSIC- CHEMICAL SCIENCES	Heroin	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-4.5.6, Issue No. 1 Dated 21.09.2017
49	FORENSIC- CHEMICAL SCIENCES	Heroin	High Performance Liquid Chromatography analysis	SFSL/SML/WPM/ NDPS No. 1-4.5.4, Issue No. 1 Dated 21.09.2017
50	FORENSIC- CHEMICAL SCIENCES	Heroin	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-3.5.7, Issue No. 1 Dated 21.09.2017
51	FORENSIC- CHEMICAL SCIENCES	Heroin	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-4.5.3, Issue No. 1 Dated 21.09.2017
52	FORENSIC- CHEMICAL SCIENCES	HNO3	i. pH Test or Litmus Test, ii. Nitrate ion	(i) SFSL/SML/WPM/Chem& Toxi No.01- 1.3(a) & 1.3(b), (ii) SFSL/SML/WPM/Chem& Toxi No.01- 1.3(c), Issue No. 1 Dated 19.09.2017
53	FORENSIC- CHEMICAL SCIENCES	Hydrocyanic acid	Purssian blue Test	SFSL/SML/WPM/Chem& Toxi No.01- 4.1.4a,Issue No. 1, Dated 19.09.2017

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54	FORENSIC- CHEMICAL SCIENCES	Lysergide (LSD)	a. Colour tests - Ehrlich Test, b. TLC, c. Fourier Transformation Infra Red Spectroscopic Analysis	a) SFSL/SML/WPM/ NDPS No. 1-12.5.1.2, b) SFSL/SML/WPM/ NDPS No. 1-12.5.2, c) SFSL/SML/WPM/ NDPS No. 1-12.5.4, Issue No. 1 Dated 21.09.2017
55	FORENSIC- CHEMICAL SCIENCES	Lysergide (LSD)	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-12.5.5, Issue No. 1 Dated 21.09.2017
56	FORENSIC- CHEMICAL SCIENCES	Lysergide (LSD)	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-12.5.6, Issue No. 1 Dated 21.09.2017
57	FORENSIC- CHEMICAL SCIENCES	Lysergide (LSD)	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-12.5.3, Issue No. 1 Dated 21.09.2017
58	FORENSIC- CHEMICAL SCIENCES	Mescaline	a. Colour tests - i. Marquis Test, b. TLC, c. Fourier Transformation Infra Red Spectroscopic Analysis	a) SFSL/SML/WPM/ NDPS No. 1-11.5.1.1, b) SFSL/SML/WPM/ NDPS No. 1-11.5.1.2 , c) SFSL/SML/WPM/ NDPS No. 1-11.5.4, Issue No. 1 Dated 21.09.2017
59	FORENSIC- CHEMICAL SCIENCES	Mescaline	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-11.5.5, Issue No. 1 Dated 21.09.2017
60	FORENSIC- CHEMICAL SCIENCES	Mescaline	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-11.5.6, Issue No. 1 Dated 21.09.2017
61	FORENSIC- CHEMICAL SCIENCES	Mescaline	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-11.5.3, Issue No. 1 Dated 21.09.2017
62	FORENSIC- CHEMICAL SCIENCES	Methanol	i. Schiff's Test, ii. Chromotropic acid Test,	(i) SFSL/SML/WPM/Chem& Toxi No.01- 4.1.2a, (ii) SFSL/SML/WPM/Chem& Toxi No.01- 4.1.2b,Issue No. 1, Dated 19.09.2017
63	FORENSIC- CHEMICAL SCIENCES	Methaqualone/ Mecloqualone	a. Colour tests - i. Cobalt Thiocynate Test, ii. Fischer-Morris Test, b. TLC, c. Fourier Transformation Infra Red Spectroscopic Analysis	a) i. SFSL/SML/WPM/ NDPS No. 1-7.5.1.1, ii. SFSL/SML/WPM/ NDPS No. 1-7.5.1.2, b) SFSL/SML/WPM/ NDPS No. 1-7.5.2, c) SFSL/SML/WPM/ NDPS No. 1-7.5.4, Issue No. 1 Dated 21.09.2017

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64	FORENSIC- CHEMICAL SCIENCES	Methaqualone/ Mecloqualone	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-7.5.5, Issue No. 1 Dated 21.09.2017
65	FORENSIC- CHEMICAL SCIENCES	Methaqualone/ Mecloqualone	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-7.5.6, Issue No. 1 Dated 21.09.2017
66	FORENSIC- CHEMICAL SCIENCES	Methaqualone/ Mecloqualone	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-7.5.3, Issue No. 1 Dated 21.09.2017
67	FORENSIC- CHEMICAL SCIENCES	Miscellaneous Drugs	a. Colour test, b. TLC, c. Fourier Transformation Infra Red Spectroscopic Analysis	a) SFSL/SML/WPM/ NDPS No. 1-13.5.1, b) SFSL/SML/WPM/ NDPS No. 1-13.5.2, c) SFSL/SML/WPM/ NDPS No. 1-13.5.3, Issue No. 1 Dated 21.09.2017
68	FORENSIC- CHEMICAL SCIENCES	Miscellaneous Drugs	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-13.5.6, Issue No. 1 Dated 21.09.2017
69	FORENSIC- CHEMICAL SCIENCES	Miscellaneous Drugs	High Performance Liquid Chromatography analysis	SFSL/SML/WPM/ NDPS No. 1-13.5.5, Issue No. 1 Dated 21.09.2017
70	FORENSIC- CHEMICAL SCIENCES	Miscellaneous Drugs	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-13.5.7, Issue No. 1 Dated 21.09.2017
71	FORENSIC- CHEMICAL SCIENCES	Miscellaneous Drugs	Microscopy	SFSL/SML/WPM/ NDPS No. 1-13.5.7, Issue No. 1 Dated 21.09.2017
72	FORENSIC- CHEMICAL SCIENCES	Miscellaneous Drugs	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-13.5.4, Issue No. 1 Dated 21.09.2017
73	FORENSIC- CHEMICAL SCIENCES	Opium, Morphine, Poppy straw & Poppy Plants	a. Colour test - i. Marquis Test, ii. Ferric Salt Test, iii. Porphyroxine Test, b. TLC, c. Fourier Transformation Infra Red Spectroscopic Analysis	a) i. SFSL/SML/WPM/ NDPS No. 1-3.5.1.1, ii. SFSL/SML/WPM/ NDPS No. 1-3.5.1.2, iii. SFSL/SML/WPM/ NDPS No. 1-3.5.1.3, b) SFSL/SML/WPM/ NDPS No. 1-3.5.2, c) SFSL/SML/WPM/ NDPS No. 1-3.5.5, Issue No. 1 Dated 21.09.2017
74	FORENSIC- CHEMICAL SCIENCES	Opium, Morphine, Poppy straw & Poppy Plants	Gas Chromatography with Mass Spectroscopic Analysis	SFSL/SML/WPM/ NDPS No. 1-3.5.6, Issue No. 1 Dated 21.09.2017

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75	FORENSIC- CHEMICAL SCIENCES	Opium, Morphine, Poppy straw & Poppy Plants	High Performance Liquid Chromatography analysis	SFSL/SML/WPM/ NDPS No. 1-3.5.4, Issue No. 1 Dated 21.09.2017
76	FORENSIC- CHEMICAL SCIENCES	Opium, Morphine, Poppy straw & Poppy Plants	Liquid Chromatography with tandem mass spectrometric analysis	SFSL/SML/WPM/ NDPS No. 1-3.5.7, Issue No. 1 Dated 21.09.2017
77	FORENSIC- CHEMICAL SCIENCES	Opium, Morphine, Poppy straw & Poppy Plants	Ultraviolet–visible spectroscopic analysis	SFSL/SML/WPM/ NDPS No. 1-3.5.3, Issue No. 1 Dated 21.09.2017
78	FORENSIC- CHEMICAL SCIENCES	Organo-chloro Insecticides	i. Colour test - Ortho-tolidine Test, ii.TLC, iii. Gas Chromatography with Mass Spectroscopic Analysis	(i) SFSL/SML/WPM/Chem & Toxi No.01- 6.2a, (ii) SFSL/SML/WPM/Chem & Toxi No.01- 6.2b, (iii) SFSL/SML/WPM/Chem & Toxi No.01- 6.2c,Issue No. 1, Dated 19.09.2017
79	FORENSIC- CHEMICAL SCIENCES	Organo-Phosphorous Insecticides	i. Colour test - Tetraethylene-Pentamine Test ii. TLC, iii. Gas Chromatography with Mass Spectroscopic Analysis	(i) SFSL/SML/WPM/Chem & Toxi No.01- 6.1a, (ii) SFSL/SML/WPM/Chem & Toxi No.01- 6.1b, (iii) SFSL/SML/WPM/Chem & Toxi No.01- 6.1c,Issue No. 1, Dated 19.09.2017
80	FORENSIC- CHEMICAL SCIENCES	Phenol	i. Ferric chloride, ii. Libermann's test	(i) SFSL/SML/WPM/Chem& Toxi No.01- 4.1.5a, (ii) SFSL/SML/WPM/Chem& Toxi No.01- 4.1.5b,Issue No. 1, Dated 19.09.2017
81	FORENSIC- CHEMICAL SCIENCES	Phosphine	Mercuric chloride/bromide test	SFSL/SML/WPM/Chem& Toxi No.01- 4.3.1,Issue No. 1, Dated 19.09.2017
82	FORENSIC- CHEMICAL SCIENCES	Residues of petrol, kerosene, diesel in fire debris	i. TLC, ii. Gas Chromatography analysis	(i) SFSL/SML/WPM/Chem& Toxi No.01- 2.2, (ii) SFSL/SML/WPM/Chem& Toxi No.01- 2.3, Issue No. 1 Dated 19.09.2017
83	FORENSIC- CHEMICAL SCIENCES	Sodium ion	i. Uranyl Zinc Acetate Test, ii. Flame Test	(i) SFSL/SML/WPM/Chem& Toxi No. 01- 3. 3 (a), (ii) SFSL/SML/WPM/Chem& Toxi No.01-3.3 (b), Issue No. 1 Dated 19.09.2017

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84	FORENSIC- CHEMICAL SCIENCES	Turpentine	i. Sulphuric acid test, ii. Marquis test, iii. Vanallin test	(i) SFSL/SML/WPM/Chem& Toxi No.01- 4.1.3a, (ii)SFSL/SML/WPM/Chem& Toxi No.01- 4.1.3b, (iii) SFSL/SML/WPM/Chem& Toxi No.01- 4.1.3c, Issue No. 1, Dated 19.09.2017
85	FORENSIC- FORENSIC ELECTRONICS & COMPUTER FORENSICS	Cell Phone - android, basic, tabs, i-phones	Data Extraction and Analysis	SFSL/SML/WPM/ DIGITAL (1.1), Issue No. 1, Dated 21.09.2017
86	FORENSIC- FORENSIC ELECTRONICS & COMPUTER FORENSICS	Digital Storage Media i.e. Hard Disk, Pen Drive, Memory Card, CD, DVD, Memory Cards and any other digital storage device.	Imaging, Indexing, Analysis of retrieved live/deleted data.	SFSL/SML/WPM/ DIGITAL (1.0), Issue No. 1, Dated 21.09.2017
87	FORENSIC- FORENSIC ELECTRONICS & COMPUTER FORENSICS	SIM Cards	Data extraction and Analysis	SFSL/SML/WPM/ DIGITAL (1.1), Issue No. 1, Dated 21.09.2017
88	FORENSIC- FORENSIC PSYCHOLOGY	Crime Suspects, witnesses and complainants	Layered Voice Analysis	Nemesysco LVA (6.50) Training Manual, Issue No. 1, Dated 27.04.2020
89	FORENSIC- PHYSICAL SCIENCES	Alteration (addition, substitution, obliteration, overwriting, erasures etc.)	Decipherment of original writings and detection of erasures using different light sources: -Spot Light -Transmitted Light -IR Light -UV Light -Oblique Light	SFSL/SML/WPM/DOCU. & PHOTO (0.9, 1.0 & 1.1),Issue No. 1, Dated 21.09.2017
90	FORENSIC- PHYSICAL SCIENCES	Bitumen	Chemical treatment With Benzene/Trichloroethylene and separation by Bitumen extractor	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 18 , Issue No. 1, Dated 21.09.2017
91	FORENSIC- PHYSICAL SCIENCES	Broken objects	Physical measurements and mechanical fit	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 16 Section 2.1, Issue No. 1, Dated 21.09.2017
92	FORENSIC- PHYSICAL SCIENCES	Broken objects	Side by side comparison by Microscope	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 16 Section 2.2, Issue No. 1, Dated 21.09.2017
93	FORENSIC- PHYSICAL SCIENCES	Bullets/ pellets/ Shots/ Slugs parts thereof	Measurement of Physical Parameters viz: length, breadth, height, thickness and diameter.	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 10 &11, Issue No. 1, Dated 21.09.2017

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94	FORENSIC- PHYSICAL SCIENCES	Bullets/ pellets/Shots/Slugs parts thereof	Copper Test	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 20, Issue No. 1, Dated 21.09.2017
95	FORENSIC- PHYSICAL SCIENCES	Bullets/ pellets/Shots/Slugs parts thereof	Lead Test	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 20, Issue No. 1, Dated 21.09.2017
96	FORENSIC- PHYSICAL SCIENCES	Bullets/ pellets/Shots/Slugs parts thereof	Test firing; Examination of number of land and grooves/ striations under comparison microscope; and /or BALSCAN	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 10, 15, 17, 20, 21, Issue No. 1, Dated 21.09.2017
97	FORENSIC- PHYSICAL SCIENCES	Cartridge/ Cartridge case/ parts thereof	Measurement of physical parameters viz: length, breadth, height, thickness and diameter.	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 14, Issue No. 1, Dated 21.09.2017
98	FORENSIC- PHYSICAL SCIENCES	Cartridge/ Cartridge case/parts thereof	Characteristics matching using comparison microscope and/or BALSCAN	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 14, Issue No. 1, Dated 21.09.2017
99	FORENSIC- PHYSICAL SCIENCES	Cartridge/ Cartridge case/parts thereof	Test firing	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6- Section 14, 21, Issue No. 1, Dated 21.09.2017
100	FORENSIC- PHYSICAL SCIENCES	Cement	Bromoform Test	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 12 Section 3.1, Issue No. 1, Dated 21.09.2017
101	FORENSIC- PHYSICAL SCIENCES	Cement	Fineness test	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 12 Section 3.2, Issue No. 1, Dated 21.09.2017
102	FORENSIC- PHYSICAL SCIENCES	Cement	Gravimetric Test -analysis of chemical Constituents i.e. insoluble residue, silica and lime	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 12 Section 3.4, Issue No. 1, Dated 21.09.2017
103	FORENSIC- PHYSICAL SCIENCES	Cement	Loss on Ignition	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 12 Section 3.3, Issue No. 1, Dated 21.09.2017
104	FORENSIC- PHYSICAL SCIENCES	Chassis, Engine of vehicles/ Firearms	Chemical Etching for Restoration of identification marks	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 9, Issue No. 1, Dated 21.09.2017

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105	FORENSIC- PHYSICAL SCIENCES	Cloth/ targets/ parts thereof	Chemical tests for presence of gun short residue , its spread and range: i. Copper Test, ii. Lead Test, iii. Nitrite Test	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 20, Issue No. 1, Dated 21.09.2017
106	FORENSIC- PHYSICAL SCIENCES	Cloth/ targets/ parts thereof	Measurement of Physical Parameters	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 18, Issue No. 1, Dated 21.09.2017
107	FORENSIC- PHYSICAL SCIENCES	Cloth/ targets/ parts thereof	Visual Examination by Microscope for presence of hole, angle of firing on target & clothes	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 13, 18, 21, Issue No. 1, Dated 21.09.2017
108	FORENSIC- PHYSICAL SCIENCES	Comparison of ink	Physical examination UV/IR examination	SFSL/SML/WPM/DOCU. & PHOTO (1.3 & 1.4), Issue No. 1, Dated 21.09.2017
109	FORENSIC- PHYSICAL SCIENCES	Comparison of paper	1- Physical examination -Color -Size 2- UV Features 3-Water mark 4- Paper Fibers 5-Printed Matter	SFSL/SML/WPM/DOCU. & PHOTO (1.9 & 2.3), Issue No. 1, Dated 21.09.2017
110	FORENSIC- PHYSICAL SCIENCES	Concrete	Gravimetric Test -analysis of chemical Constituents i.e. insoluble residue, silica and lime to find the ratio of cement, sand and stone	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 14, Issue No. 1, Dated 21.09.2017
111	FORENSIC- PHYSICAL SCIENCES	Counterfeit Indian Currency and other security documents of Indian origin	-Physical Examination -Water Marks -UV Features -Security Thread -Intaglio Printing -Micro lettering -OVI Features -Latent Image -See Through Window -Comparison using updated guidelines of Reserve Bank of India for Indian Currency	SFSL/SML/WPM/DOCU. & PHOTO (1.1, 1.3, 1.7, 1.9 & 2.3),Issue No. 1, Dated 21.09.2017
112	FORENSIC- PHYSICAL SCIENCES	Cut marks on clothes and different substrates	Examination and Physical measurements of weapons of offence; Examination and Physical measurements of cut marks on clothes and different substrates	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 21 Section 3.1, 3.2, Issue No. 1, Dated 21.09.2017
113	FORENSIC- PHYSICAL SCIENCES	Cut marks on clothes and different substrates	Trail Cut; Comparison of crime cut marks with the trial cut marks	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 12 Section 3.3, 3.4, Issue No. 1, Dated 21.09.2017

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114	FORENSIC- PHYSICAL SCIENCES	Electric wires for short circuiting	Physical and Microscopic examination for Beads formation and Insulation of wires	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 22, Issue No. 1, Dated 21.09.2017
115	FORENSIC- PHYSICAL SCIENCES	Examination of printed matter	Printing defects Comparison of printed matter	SFSL/SML/WPM/DOCU. & PHOTO (1.2, 1.7, 2.0 & 2.2),Issue No. 1, Dated 21.09.2017
116	FORENSIC- PHYSICAL SCIENCES	Fibers/fabric	Chemical test; Burning Test	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 15 Section 3.3, 3.4, Issue No. 1, Dated 21.09.2017
117	FORENSIC- PHYSICAL SCIENCES	Fibers/fabric	Physical matching; Comparison Microscopy	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 15 Section 3.1, 3.2, 3.6, Issue No. 1, Dated 21.09.2017
118	FORENSIC- PHYSICAL SCIENCES	Fire arms/ Parts thereof	Barrel wash; Examination of firearm or parts thereof/manufacturing tools Whether the articles come under the purview of the Arms Act; Serviceability or working condition of firearms; Examination of Firearm, prone to accidental discharge; Identification of Firearm for type, make and model of firearm; Examination of Firearm, whether its parts tampered with; Restoration of erased marking	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 1, 2, 3 , 4, 5, 6, 7,20, Issue No. 1, Dated 21.09.2017
119	FORENSIC- PHYSICAL SCIENCES	Fire arms/ Parts thereof	Swab for detection of discharge Residues and perform Chemical Tests: i. Copper Test, ii. Lead Test, iii. Antimony Test, iv. Potassium Test, v. Nitrite Test	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 20, Issue No. 1, Dated 21.09.2017
120	FORENSIC- PHYSICAL SCIENCES	Foot Prints/ Shoe/Shoe Prints/ Tyre/Tyre Marks	Comparison of impressions by measurements	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 6 Section 2.2.2, Issue No. 1, Dated 21.09.2017
121	FORENSIC- PHYSICAL SCIENCES	Foot Prints/ Shoe/Shoe Prints/ Tyre/Tyre Marks	Side by side comparison; Superimposition	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 6 Section 2.2.1, Issue No. 1, Dated 21.09.2017

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122	FORENSIC- PHYSICAL SCIENCES	Glass/Glass fragments	Elemental Analysis By XRF	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 10 Section 2.6, Issue No. 1, Dated 21.09.2017
123	FORENSIC- PHYSICAL SCIENCES	Glass/Glass fragments	Physical Comparison; Physical matching using comparison microscope; Density comparison by density Gradient tubes Glass fracture examination	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 10 Section 2.3, 2.4, 2.7, Issue No. 1, Dated 21.09.2017
124	FORENSIC- PHYSICAL SCIENCES	Glass/Glass fragments	Physical Measurements	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 10 Section 2.2, Issue No. 1, Dated 21.09.2017
125	FORENSIC- PHYSICAL SCIENCES	Glass/Glass fragments	Refractive index by Refractometer	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 10 Section 2.5, Issue No. 1, Dated 21.09.2017
126	FORENSIC- PHYSICAL SCIENCES	Handwriting/ Signatures Identification	Comparison of Questioned and Standard Writings/Signatures by using different magnifiers, Different light sources.	SFSL/SML/WPM/DOCU. & PHOTO (0.9 & 1.0),Issue No. 1, Dated 21.09.2017
127	FORENSIC- PHYSICAL SCIENCES	Indentations	Physical Examination using Oblique Light and Electrostatic Detection Apparatus	SFSL/SML/WPM/DOCU. & PHOTO (1.6),Issue No. 1, Dated 21.09.2017
128	FORENSIC- PHYSICAL SCIENCES	Ligature Material	Tensile Strength using Universal Tensile Machine	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 20, Issue No. 1, Dated 21.09.2017
129	FORENSIC- PHYSICAL SCIENCES	Metals	Elemental Analysis By XRF	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 19, Issue No. 1, Dated 21.09.2017
130	FORENSIC- PHYSICAL SCIENCES	Mortar/Plaster	Gravimetric Test -analysis of chemical Constituents i.e. insoluble residue, silica and lime to find out the ratio of cement and sand	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 13, Issue No. 1, Dated 21.09.2017
131	FORENSIC- PHYSICAL SCIENCES	Paint/Paint on different substrate	Elemental Analysis of Pigments	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 8 Section 2.3, Issue No. 1, Dated 21.09.2017
132	FORENSIC- PHYSICAL SCIENCES	Paint/Paint on different substrate	Visual Examination by Microscopy; Micro-Chemical Test	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 8 Section 2.1, 2.2, Issue No. 1, Dated 21.09.2017

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133	FORENSIC- PHYSICAL SCIENCES	Propellant charge	Composition by Chemical tests i. Copper Test, ii. Lead Test, iii. Antimony Test, iv. Potassium Test, v. Nitrite Test	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 20, Issue No. 1, Dated 21.09.2017
134	FORENSIC- PHYSICAL SCIENCES	Propellant charge	Visual Examination by Microscope	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 13, Issue No. 1, Dated 21.09.2017
135	FORENSIC- PHYSICAL SCIENCES	Soft copy of image(s)/ Video(s) stored in appropriate storage media for image/video authenticity	Inter- Frame Analysis • Sharp change in the plans of the video image • Sharp change of the position of a moving object • Sharp change in image quality • Continuity of date/time stamp • Severe image distortion changes	SFSL/SML/WPM/VOICE, VIDEO & IMAGE Chapter-3, Issue No. 1, Dated 27.04.2020
136	FORENSIC- PHYSICAL SCIENCES	Soft copy of image(s)/ Video(s) stored in appropriate storage media for image/video authenticity	Intra Frame Analysis • Detection of violation of the plan of events recorded on each frame • Detection of changes in the level of noise and interference present in the image • Unnatural arrangement of shadow and reflection from the objects of recording • Unreliable geometric relationships of object and their perspective distortions • Various illumination of neighbouring objects, specific blur of the boundaries of the areas of the proposed insertions	SFSL/SML/WPM/VOICE, VIDEO & IMAGE Chapter-3, Issue No. 1, Dated 27.04.2020
137	FORENSIC- PHYSICAL SCIENCES	Soft copy of image-s/ Video-s stored in appropriate storage media for image/video authenticity	Instrumental analysis by applying following editing method • Error Level Analysis-ELA, • Threshold and relay filter, • Gradient analysis, • Noise suppression, • Canni processing -Detection of borders, • Brightness and contrast changes for all applied filters, • Histogram Analysis	SFSL/SML/WPM/VOICE, VIDEO & IMAGE Chapter-3, Issue No. 1, Dated 27.04.2020
138	FORENSIC- PHYSICAL SCIENCES	Soft copy of Photo(s)/ Video(s) stored in appropriate storage media and Hard copy of Photo (s) for Facial Recognition	Instrument analysis by using Facial Recognition System	SFSL/SML/WPM/VOICE, VIDEO & IMAGE Chapter-5, Issue No. 1, Dated 27.04.2020

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139	FORENSIC- PHYSICAL SCIENCES	Soft copy of Photo(s)/ Video(s) stored in appropriate storage media and Hard copy of Photo (s) for Facial Recognition	Morphological Analysis	SFSL/SML/WPM/VOICE, VIDEO & IMAGE Chapter-5, Issue No. 1, Dated 27.04.2020
140	FORENSIC- PHYSICAL SCIENCES	Soft copy of Photo(s)/ Video(s) stored in appropriate storage media for enhancement.	Instrumental analysis by applying following Parameters for enhancement: • Analysis of Defog • Image Rotate • RGB correction • Perspective correction • Derain • Colorization • Reflection removal • Analysis of Deblur • Grayscale/Crop/Forgery/Gamma Deinterlace	SFSL/SML/WPM/VOICE, VIDEO & IMAGE Chapter-4, Issue No. 1, Dated 27.04.2020
141	FORENSIC- PHYSICAL SCIENCES	Soil /Sand	Elemental analysis by XRF	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 11 Section 2.8, Issue No. 1, Dated 21.09.2017
142	FORENSIC- PHYSICAL SCIENCES	Soil /Sand	Ignition test	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 11 Section 2.5, Issue No. 1, Dated 21.09.2017
143	FORENSIC- PHYSICAL SCIENCES	Soil /Sand	Microscopic Examination for color, size and shape; Sieving for sampling; Microscopically examination with Chemical reagents; Density distribution of soil particles;	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 11 Section 2.1, 2.2, 2.4, 2.6, Issue No. 1, Dated 21.09.2017
144	FORENSIC- PHYSICAL SCIENCES	Soil /Sand	Particle size distribution	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 11 Section 2.2, 2.3, Issue No. 1, Dated 21.09.2017
145	FORENSIC- PHYSICAL SCIENCES	Soil /Sand	pH measurement	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 11 Section 2.7, Issue No. 1, Dated 21.09.2017
146	FORENSIC- PHYSICAL SCIENCES	Stamp impressions and seals	-Physical examination -Side-by-side Comparison -Super-imposition	SFSL/SML/WPM/DOCU. & PHOTO (1.5 & 1.8), Issue No. 1, Dated 21.09.2017
147	FORENSIC- PHYSICAL SCIENCES	Telephone Cables/Electric wires	Diameter of strands	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 17 Section 2.1, Issue No. 1, Dated 21.09.2017

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148	FORENSIC- PHYSICAL SCIENCES	Telephone Cables/Electric wires	Elemental analysis with XRF	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 17 Section 2.2, Issue No. 1, Dated 21.09.2017
149	FORENSIC- PHYSICAL SCIENCES	Telephone Cables/Electric wires	Number of strands; Dye marks; Twist; Color, mark on insulation	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 17 Section 2.1, Issue No. 1, Dated 21.09.2017
150	FORENSIC- PHYSICAL SCIENCES	Tools/Tool marks on different substrates	Photography; Examination of foreign material/materials on tool; Taking test impressions; Comparison with test marks Caused by weapon of offence / tool using comparison Microscope	SFSL/SML/WPM/PHY & BALL(PART-I) Chapter 7, Issue No. 1, Dated 21.09.2017
151	FORENSIC- PHYSICAL SCIENCES	Voice samples stored in the appropriate storage media for authentication	1. Auditory Analysis, 2. File Investigation using Voice Speech System, 3. Signal Investigation: Time and Frequency Domain using Voice Speech System, 4. Codec Analysis using Voice Speech System	SFSL/SML/WPM/VOICE, VIDEO & IMAGE Chapter-2, Issue No. 1, Dated 27.04.2020
152	FORENSIC- PHYSICAL SCIENCES	Voice samples stored in the appropriate storage media for identification	1. Speech Enhancement, 2. Text Decoding and Speaker Voice Extraction, 3. Establish Speech Quality, 4. Auditory Analysis, 5. Linguistic Approach, 6. Instrumental Analysis using Voice Speech System	SFSL/SML/WPM/VOICE, VIDEO & IMAGE Chapter-1, Issue No. 1, Dated 27.04.2020
153	FORENSIC- PHYSICAL SCIENCES	Wads/ parts thereof	Measurement of physical parameters viz: length, breadth, height, thickness and diameter.	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6 Section 12, Issue No. 1, Dated 21.09.2017
154	FORENSIC- PHYSICAL SCIENCES	Wads/ parts thereof	Nitrite Test	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6- Section 20, Issue No. 1, Dated 21.09.2017
155	FORENSIC- PHYSICAL SCIENCES	Wads/ parts thereof	Visual Examination by Microscope	SFSL/SML/WPM/PHY & BALL(PART-II) Chapter 6- Section 12, Issue No. 1, Dated 21.09.2017