

Q. No	Question	Correct Ans	Option1	Option2	Option3	Option4
1	An Indelible pencil consists of:-	Aniline dye mixed with graphite	Aniline dye mixed with graphite	Graphite mixed with clay	Amorphous carbon mixed with china clay and glue	Amorphous carbon mixed with crayon
2	Ball point pens were commercially marketed in the end of the year:-	1945	1940	1945	1950	1955
3	How a person can be identified through his written /digital text?	By Forensic stylistics	By using Linguists	By Forensic stylistics	Through Psychological tests	By analysing profile of writer
4	A photo-copier can be identified by presence of extraneous marks on photo copy caused by:-	Scratches, dust and other material on platen, glass plate supporting the document & in lid covering it	Handling by operator	Scratches, dust and other material on platen, glass plate supporting the document & in lid covering it	Due to defective paper insertion	Due to heating defects
5	Presence of horizontal and/or vertical misalignment in a typed matter indicates the following:-	The typed matter has been typed in two different operations	The typed matter has been typed in two different operations	There is defect in the platen of the machine	The type face of the typewriter is broken	The typist is unskilled person
6	Exposure depends upon following factors in analogue photography:-	Aperture, shutter speed, film speed	Camera, lens, shutter speed	Film, battery, flash	Aperture, shutter speed, film speed	Digital sensors, lens, camera
7	Software used for image manipulation can be:-	Adobe photo shop/coral photo paint	Charged couple device/internet explorer	CMOS/Media player	Microsoft word/excel	Adobe photo shop/coral photo paint
8	Characteristics of Digital Image consists of the following:-	Each pixel has its own address like X/Y axis of a graph. More pixels provide more accurate representation of the originals	Digital images are also called Bitmap images and a pixel is the double biggest screen element	Each pixel has its own address like X/Y axis of a graph. More pixels provide more accurate representation of the originals	A colour is typically represented by component intensities such as RGB	A colour is typically represented by component intensities such as CMYK
9	Which of the following is volatile network information?	Current system uptime	System profile	Open connection	Current system uptime	Logged on users
10	The Letter Press printing can be identified by:-	Presence of Squashing of ink	Presence of Squashing of ink	Absence of indentations in the paper	Absence of Ink absorption	Deposition of ink in raised manner
11	One of the requirements of the passports should be as follows for universal acceptance:	Quick verification of data	Colour of the Passport	Size of the Passport	Quick verification of data	Layout of cover page
12	BESW in Forensic Stylistics area represents:	Brand Emotion Scale for Writers	Brand Emotion Scale for Writers	Best Educational Skill for Writers	Best Emotional Skill of Writers	Best Educational Skill of women Writers

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13	In Handwriting examination, dots in letter 'i' and 'j' are known as:	Diacritic signs	Connecting signs	Diacritic signs	Cross bar and dots	Feeble strokes
14	CEDAR-Fox is a technology development effort in the field of:	Automatic handwriting examination system	Automatic handwriting examination system	Instrumental method of Ink examination	Spectroscopic method of Ink, erasure Examination	Instrumental method of pencil and indented writing examination
15	Which of the following cannot be used as a source of Infra-red Radiations?	A 6 Watt LED bulb	Incandescent Lamp	A 6 Watt LED bulb	Mercury Arc	Tungsten Lamp
16	Ball point pen inks are made up of essentially three main constituents:	An organic colouring dye/pigment, an organic solvent and resinous thickener	An organic solvent, an alkaloid and resin	A resinous thickener, an organic solvent and heavy metal salt	An Inorganic salt, solvent and resin thickener	An organic colouring dye/pigment, an organic solvent and resinous thickener
17	'Shading' - An important hand writings feature is best studied in the hand writing made by:	Split nib pen	Porous tip pen	Split nib pen	Ball point	Fibre tip pen
18	"A writer cannot exceed his maximum writing skill or ability without serious effort and training applied over a period of time". It is:	True statement	A hypothetical statement	Not true in case of matured writers	A partially correct statement in a matured writer	True statement
19	Which renowned author frequently used the term "style characteristics"?	W.R. Harrison	A.S. Osborn	V.P. Conway	Edward Morison	W.R. Harrison
20	"Ambidextrous" person means that who can write with:	Both hands-left & right with equal ease	Both hands-left & right with equal ease	Only with left hand	Only with right hand	With body parts other than hands
21	How many bleeding lines are there in Rs. 2000 bank note:	Seven	Four	Five	Six	Seven
22	"Perfect Forgery" of a signature is NOT possible. It is :	True statement	Incorrect statement	Hypothetical statement	True statement	Depends upon case to case
23	"Rf" factor is used in the examination of inks through the chromatography. It explains:	Distance migrated by solute divided by distance migrated by the solvent.	The distance of Mobile phase	Sum of relative adsorption potential of phases	Distance migrated by solute divided by distance migrated by the solvent.	Multiplication product of distances travelled by mobile & stationary phases
24	"IR Luminescence" is used to examine and discriminate between:	Two inks similar in tint but different in composition	Two paper samples	Two similar types of inks in tint	Two inks similar in tint but different in composition	Two inks similar in composition but different in tint shades

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25	Encase is software used in.	Computer forensics	Operating software	Inkjet printers	Editing of colours of images	Computer forensics
26	Which spectrum of the compound is referred as "finger print" of the molecule?	IR Spectrum	UV Spectrum	Atomic absorption spectrum	IR Spectrum	Mass spectrum
27	Statement- I) "Avoidance of own writing characteristics without following others writing habits". Statement-II) "Avoidance of own writings characteristics and efforts of following others writing habits". Statement I & II are two statements refer to:	Disguise and forgery respectively	Forgery of signatures/ writings	Traced forgery of signatures	Forgery and disguise respectively	Disguise and forgery respectively
28	Writings on a completely charred document can be deciphered with:	IR photography	IR photography	UV photography	Short wave UV light	Stereo microscope
29	Assertion (A): Identification of the author of forged signatures may be possible in case of free hand forgeries. Reason (R): Because it is a process where a forger tries to hide his own writing habits unsuccessfully:	Both (A) & (R) are correct	Both (A) & (R) are correct	(A) is correct and (R) is wrong	(A) is wrong and (R) is correct	Both (A) & (R) are wrong
30	"Striations" produced in a writing stroke are characteristic of:	Ball point pen	Split nib pen	Ball point pen	Fibre tip pen	Gel pen
31	Which of the following statements is NOT true?	Damage defects and misalignments of typeface of a manual typewriter may help to identify it as a source of a particular typed document	Damage defects and misalignments of typeface of a manual typewriter may help to identify it as a source of a particular typed document	It may be possible to link a particular printed document with a suspect printer, if there are faults present on the drum that are transferred to the printed page	It is usually possible to link a printed word-processed document to the computer that was used to compose it	The typeface of a single element electric typewriter is NOT fixed as its single element can easily be replaced
32	What is the header called at the top of a faxed document that can help to determine its origin?	Transmit Terminal Identifier (TTI)	Identification of Transmission Terminal (ITT)	Transmit Terminal Identifier (TTI)	Optical Terminal Transfer (OTT)	Terminal Transfer Optics (TTO)
33	When a ray of light is incident on a surface then:	Incident ray, Reflected ray and normal to the surface lie in the same plane	Incident ray, Refracted ray and normal to the surface lie in the same plane	Incident ray, Reflected ray and normal to the surface lie in the same plane	Incident ray, Refracted ray and Transmitted ray lie in the same plane	Incident ray, Transmitted ray and normal to the surface lie in the same plane
34	Which of the following statements is NOT true?	A class characteristic is one that enables writing to be uniquely identified	Individual characteristics are unique to a particular writer	A class characteristic is one that enables writing to be uniquely identified	A questioned sample is sometimes referred to as a disputed sample	Class characteristics enable writing to be placed into a particular category
35	Letter Press printing process is also known as	Typographic printing	Typographic printing	Lithography	Flexography	Xylography
36	Watermark in the genuine currency notes is impressed in the paper?	In a pulpy state	In a pulpy state	Before printing	Using high pressure printing technique	After printing

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37	Stereo Photography-three dimensional images without camera and lens are possible with:	Holography	Polarized photography	UV photography	Holography	IR Photography
38	"Pica & 'Elite" are two terms referring to the:	10 & 12 characters per inch respectively in typewriting	10 & 12 characters per inch respectively in typewriting	11 & 12 characters per inch respectively in typewriting	12 & 10 characters per inch respectively in typewriting	12 & 11 characters per inch respectively in typewriting
39	"Herschel Effect" is a concept used in the process of:	Black & white photography	Digital photography	Color photography	Black & white photography	Photo copying in photocopier
40	ASA & DIN are terms used for:	Speed rating of photographic film	Speed rating of shutter and lens of camera	Speed rating of flash light	Speed rating of photographic film	Speed rating of developer of photographic film
41	Nobel Laureate Dannis Gabor is known for scientific work on:	Holography	X-Ray diffraction	Scanning Electron Microscope	Holography	Video Spectral Comparator
42	The absorption of ink by blotting paper involves	Capillary action phenomenon	Viscosity of ink	Capillary action phenomenon	Diffusion of ink through the blotting	Siphon action
43	Electromagnetic wave with lowest frequency is	Radio waves	Radio waves	Infrared	Ultraviolet	Gamma rays
44	Electromagnetic spectrum comprises of:	Micro waves	Micro waves	Longitudinal waves	Transverse and longitudinal both	Sine waves
45	With the increase of pressure, the boiling point of any substance	Increases	Increases	Decreases	Remains same	Becomes zero
46	Optical fibre works on the	total internal reflection	principle of refraction	total internal reflection	scattering	interference
47	isotopes of an element contain	Same number of protons but different number of neutrons	Same number of protons but different number of neutrons	Same number of neutrons but different number of protons	Equal number of protons and electrons	Equal number of nucleons
48	Simple/light microscope has:	Convex lens	Concave lens	Convex lens	Cylindrical lens	Plain glass

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49	"RTI" in Facsimile communication stands for:	Receive Terminal Identifier	Receive Terminal Identifier	Rotational Terminal Index	Receiver Transmit Identification	Rotational Transmit Index
50	Telefacsimile machine is:	It is the telephonic transmission of a scanned printed text or image	It is the telephonic transmission of a scanned printed text or image	It can send the secret message to the receiver	It represent a encrypted copy of a telephonic message	It is capable of sending both audio and video messages through telephone
51	Which one of the following lenses should be used to correct the defect of astigmatism?	Cylindrical lens	Cylindrical lens	Concave lens	Convex lens	Bifocal lens
52	Two signatures when exactly superimpose over each other, it is sign of:	Forged signatures	Skilful signatures	Poor skilled signatures	Forged signatures	Genuine signatures
53	The primary colours in photography are:	Red, blue, green	Red, blue, yellow	Red, yellow, green	Red, blue, green	Blue, yellow, green
54	Graphology is related to:	Personality analysis through hand writings	Scientific examination of writings	Personality analysis through hand writings	Legal identification of a person	Assessment of educational qualification of a person
55	Absorptive power of perfectly black body is:	One	Zero	Infinity	One	Constant
56	'BIOS' in digital Forensic world/ computer forensics stands for:	Basic Input Output System	Basic Input Output System	Basic Information of System	Best Investigation of Source Code	Basic Information of Server
57	'DOS' in digital Forensic world/Cyber forensics stands for:	Denial of Service	Disc Operating System	Denial of Service	Disc of Source Code	Digital Operating Server
58	'Imaging in computer forensic' means:	Bit by Bit copying of digital data using certified tools	Scanning of Image by certified tools	Multiplication of data by certified tools	Bit by Bit copying of digital data using certified tools	Mirror image of storage media
59	'Access Products' is term given to the:	Credit cards, debit cards, Merchant cards	Online products	Online transaction for online purchase	Credit cards, debit cards, Merchant cards	Products sold by merchant
60	Assessment of characteristics of split up nib show:	Pen pressure and shading	Shape of letters	Slant of letters	Pen pressure and shading	Pen position

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61	"Trash Marks" are looked for and are useful in the examination of:	Photocopies	Photocopies	Intaglio printing	Letter press printing	Typewriting
62	"Forensic Stylistics" is used in identification of:	Identification of writer	Photocopies	Facsimile messages	Identification of writer	Computer printouts
63	In simulated forgeries; forger pays attention to the following:	Manner of formation & shape of characters	Pen pressure of the writings	Manner of formation & shape of characters	Movement of writings	Speed of writings
64	Mylar film and corona charger are used in instrument used for the examination of:	Indentations	Obliterations	Erasures	Indentations	Sequence of strokes
65	Optical Character Reader feature in Video Spectral Comparator is used to read:	Passport data page	Signatures	Handwriting/printed matter on a security document	Passport data page	Bank note serial numbers
66	Multicolour globules of ink are visible in which printing technique?	Ink Jet printing	Colour laser printing	Colour photocopying	Dot Matrix printing	Ink Jet printing
67	The high print quality is obtained by which of the following printing technique used in bank note printing?	Gravure printing	Lithography	Laser printing	Gravure printing	Letter press printing
68	The emission of infrared light after exposure to blue-green light is characteristic of:	Infrared luminescence	Infrared luminescence	Infrared illumination	Fluorescence	Infrared excitation
69	Doctor Blade is used to remove the excess of the ink from the platen/plate of the printing surface, in case of:	Intaglio Printing	Screen Printing	Lithography	Letter press printing	Intaglio Printing
70	Suitable impurities are added to a semiconductor depending on its use. This is done in order to:	increase its electrical conductivity	increase its life	enable it to withstand higher voltages	increase its electrical conductivity	increase its electrical resistivity