

DU MSc Forensic Science

Topic:- DU_J18_MSC_FS

1) Which of the following best represents the strength of hydrogen bond

[Question ID = 30534]

1. 5-10 Kcal [Option ID = 62125]
2. 60-80 Kcal [Option ID = 62126]
3. 80-100 Kcal [Option ID = 62127]
4. 100-200 Kcal [Option ID = 62128]

Correct Answer :-

- 5-10 Kcal [Option ID = 62125]

2) Which of the following is enforceable in a court of law ?

[Question ID = 30555]

1. Directive principles [Option ID = 62211]
2. Fundamental rights [Option ID = 62209]
3. Fundamental duties [Option ID = 62210]
4. Preamble [Option ID = 62212]

Correct Answer :-

- Fundamental rights [Option ID = 62209]

3) Which of the following is a test to check presence of methanol in alcohol:

[Question ID = 30550]

1. Acid-phosphatase test [Option ID = 62190]
2. Schiff reagent test [Option ID = 62191]
3. Luminol test [Option ID = 62192]
4. Kastle-mayer test [Option ID = 62189]

Correct Answer :-

- Schiff reagent test [Option ID = 62191]

4) Which of the following methods used in the analysis of ink may be described as "destructive"?

[Question ID = 30586]

1. Chromatography [Option ID = 62333]
2. Infrared microscopy [Option ID = 62335]
3. Examination under VSC [Option ID = 62336]
4. Raman microscopy [Option ID = 62334]

Correct Answer :-

- Chromatography [Option ID = 62333]

5) Which of the following rights was described by Dr. B.R. Ambedkar as The Heart and soul of the Constitution?

[Question ID = 30554]

1. Right to constitutional remedies [Option ID = 62206]
2. Right to property [Option ID = 62208]
3. Right to equality [Option ID = 62205]
4. Right to freedom of religion [Option ID = 62207]

Correct Answer :-

- Right to constitutional remedies [Option ID = 62206]

6) Which of the following is not a type of whorl pattern?

[Question ID = 30588]

1. central pocket loop [Option ID = 62344]
2. double loop [Option ID = 62342]
3. Tented arch [Option ID = 62341]
4. accidental [Option ID = 62343]

Correct Answer :-

- Tented arch [Option ID = 62341]

7) Which of the following is not a fundamental right

[Question ID = 30551]

1. Equality of opportunity to all citizens in matter of public employment [Option ID = 62194]
2. Equality before Law [Option ID = 62193]
3. Abolition of hierarchy [Option ID = 62196]
4. Abolition of Untouchability [Option ID = 62195]

Correct Answer :-

- Abolition of hierarchy [Option ID = 62196]

8) Forensic firearm examiners are subject to being called to testify in court as: [Question ID = 30536]

1. All of these [Option ID = 62136]
2. expert witnesses [Option ID = 62133]
3. eye witness [Option ID = 62134]
4. character witness [Option ID = 62135]

Correct Answer :-

- expert witnesses [Option ID = 62133]

9) The technique of casting may be used to recover impressions of: [Question ID = 30547]

1. Bite marks, footwear and latent fingerprints. [Option ID = 62179]
2. Bite marks, footwear and tyres. [Option ID = 62177]
3. Tyres, bite marks and impressions on textiles. [Option ID = 62180]
4. Footwear, tyres and visible fingerprints. [Option ID = 62178]

Correct Answer :-

- Bite marks, footwear and tyres. [Option ID = 62177]

10) Even if the gun has not been left at the crime scene, which of the following helps to gather information about the type of gun used:

[Question ID = 30543]

1. the bullet, [Option ID = 62161]
2. the nature of the wound [Option ID = 62162]
3. All of these [Option ID = 62164]
4. any residue left around [Option ID = 62163]

Correct Answer :-

- All of these [Option ID = 62164]

11) Adult human dental formula is:

[Question ID = 30529]

1. 1:3:2:2/1:3:2:2 [Option ID = 62106]
2. 2:2:1:3/2:2:1:3 [Option ID = 62108]
3. 3:1:2:2/3:1:2:2 [Option ID = 62107]
4. 2:1:2:3/2:1:2:3 [Option ID = 62105]

Correct Answer :-

- 2:1:2:3/2:1:2:3 [Option ID = 62105]

12) Ceasare Lombroso is associated which of the following school of thought

[Question ID = 30573]

1. Ecological school [Option ID = 62281]
2. Positive school [Option ID = 62283]
3. Sociological school [Option ID = 62284]
4. Canada school [Option ID = 62282]

Correct Answer :-

- Positive school [Option ID = 62283]

13) A loop which opens toward the thumb side of the left hand is known as [Question ID = 30592]

1. ulnar loop [Option ID = 62357]
2. radial loop [Option ID = 62358]
3. left loop [Option ID = 62359]
4. secondary loop [Option ID = 62360]

Correct Answer :-

- radial loop [Option ID = 62358]

14) Linea aspera is located on the posterior surface of [Question ID = 30500]

1. Femur [Option ID = 61992]
2. Tibia [Option ID = 61991]
3. Humerus [Option ID = 61989]
4. Radius [Option ID = 61990]

Correct Answer :-

- Femur [Option ID = 61992]

15) Blood group systems is discovered by [Question ID = 30595]

1. Camillo Golgi [Option ID = 62371]
2. Ernst Haeckel [Option ID = 62372]
3. Karl Landsteiner [Option ID = 62370]
4. Thomas Cooley [Option ID = 62369]

Correct Answer :-

- Karl Landsteiner [Option ID = 62370]

16) Toxin, Rícín' is obtained from which of the following:

[Question ID = 30531]

1. castor oil plant [Option ID = 62114]
2. Mustard plant [Option ID = 62115]
3. Groundnut plant [Option ID = 62116]
4. Eucalyptus oil plant [Option ID = 62113]

Correct Answer :-

- castor oil plant [Option ID = 62114]

17) The element which is required by the plant in large quantity: [Question ID = 30521]

1. Nitrogen [Option ID = 62073]
2. Sulphur [Option ID = 62075]
3. Calcium [Option ID = 62074]
4. Phosphorus [Option ID = 62076]

Correct Answer :-

- Nitrogen [Option ID = 62073]

18) Time taken for the radioactive substance to reduce to half its activity is known as: [Question ID = 30514]

1. Half decay [Option ID = 62045]
2. Half Life [Option ID = 62046]
3. Radioactive constant [Option ID = 62048]
4. Radioactive life [Option ID = 62047]

Correct Answer :-

- Half Life [Option ID = 62046]

19) Anomie/Strain Theory of crime was propounded by:

[Question ID = 30559]

1. Henry D. McKay [Option ID = 62226]
2. Cesare Lombroso [Option ID = 62225]
3. Emile Durkheim [Option ID = 62227]
4. Travis Hirschi [Option ID = 62228]

Correct Answer :-

- Emile Durkheim [Option ID = 62227]

20) The humerus of nonhumans can be distinguished from humans by configuration of [Question ID = 30509]

1. Greater tubercle [Option ID = 62025]
2. All of these [Option ID = 62028]
3. Head [Option ID = 62026]
4. Trochlea [Option ID = 62027]

Correct Answer :-

- All of these [Option ID = 62028]

21) The term Kleptomania means? [Question ID = 30578]

1. Compulsive cheating [Option ID = 62301]
2. Compulsive trespassing [Option ID = 62304]
3. Forceful hitting [Option ID = 62303]
4. Compulsive stealing [Option ID = 62302]

Correct Answer :-

- Compulsive stealing [Option ID = 62302]

22) The term, 'phishing' is linked with which of the following: [Question ID = 30577]

1. Cyber Crime [Option ID = 62298]
2. Cheating [Option ID = 62297]
3. robbery [Option ID = 62300]
4. White collar crime [Option ID = 62299]

Correct Answer :-

- Cyber Crime [Option ID = 62298]

23) Latent Fingerprints when developed using Ninhydrin gives which of the following colour: [Question ID = 30549]

1. brown [Option ID = 62186]
2. red [Option ID = 62185]
3. blue [Option ID = 62188]
4. violet [Option ID = 62187]

Correct Answer :-

- violet [Option ID = 62187]

24) Research based on experiment is known as [Question ID = 30564]

1. Advisory research [Option ID = 62248]
2. Empirical research [Option ID = 62247]
3. Direct research [Option ID = 62245]
4. Indirect research [Option ID = 62246]

Correct Answer :-

- Empirical research [Option ID = 62247]

25) A fingerprint that is not visible to the unaided eye is known as [Question ID = 30591]

1. invisible fingerprint [Option ID = 62356]
2. patent print [Option ID = 62353]

3. plastic print [Option ID = 62355]
4. latent print [Option ID = 62354]

Correct Answer :-

- latent print [Option ID = 62354]

26) The principle 'every contact leaves a trace' was given by [Question ID = 30587]

1. Locard [Option ID = 62338]
2. Hans Gros [Option ID = 62339]
3. Paue Kirk [Option ID = 62340]
4. Osborn [Option ID = 62337]

Correct Answer :-

- Locard [Option ID = 62338]

27) Who among the following wrote the book, 'Essay on Crimes and Punishment' [Question ID = 30571]

1. Cesare Lombroso [Option ID = 62273]
2. Henry D. McKay [Option ID = 62275]
3. Cesare Beccaria [Option ID = 62274]
4. Emile Durkheim [Option ID = 62276]

Correct Answer :-

- Cesare Beccaria [Option ID = 62274]

28) What is the use of optical bridge in comparison microscope: [Question ID = 30557]

1. None of these [Option ID = 62220]
2. To overlap two images [Option ID = 62219]
3. To magnify images [Option ID = 62218]
4. To bring two images on one eye piece [Option ID = 62217]

Correct Answer :-

- To bring two images on one eye piece [Option ID = 62217]

29) A drug that induces alterations in perception and mood without inhibiting brain activity is known as :

[Question ID = 30532]

1. Toxic [Option ID = 62119]
2. Depressant [Option ID = 62118]
3. Hallucinogen [Option ID = 62117]
4. Stimulant [Option ID = 62120]

Correct Answer :-

- Hallucinogen [Option ID = 62117]

30) Most efficient mechanism for the transfer of heat from burning fuel to fuel that is yet to be ignited is:

[Question ID = 30533]

1. Radiation [Option ID = 62121]
2. Conduction [Option ID = 62122]
3. Convection [Option ID = 62123]
4. None of these [Option ID = 62124]

Correct Answer :-

- Convection [Option ID = 62123]

31) Oxidizing agent used in black powder is:

[Question ID = 30556]

1. Potassium nitrate [Option ID = 62213]
2. Potassium chlorate [Option ID = 62214]
3. Lead azide [Option ID = 62216]
4. Mercury fulminate [Option ID = 62215]

Correct Answer :-

- Potassium nitrate [Option ID = 62213]

32) Main technique used to analyse samples suspected of containing liquid fire accelerants is:

[Question ID = 30537]

1. Gas chromatography [Option ID = 62139]
2. Atomic absorption spectroscopy [Option ID = 62140]
3. X-Ray diffraction [Option ID = 62137]
4. UV-Visible spectroscopy [Option ID = 62138]

Correct Answer :-

- Gas chromatography [Option ID = 62139]

33) Personal identification based on anthropometric measurements is known as: [Question ID = 30518]

1. Portrait Parley [Option ID = 62063]
2. None of these [Option ID = 62064]
3. Profile [Option ID = 62062]
4. Character sketch [Option ID = 62061]

Correct Answer :-

- Portrait Parley [Option ID = 62063]

34) Carbohydrate in humans is stored as [Question ID = 30513]

1. Starch [Option ID = 62041]
2. Glycogen [Option ID = 62043]
3. cellulose [Option ID = 62042]
4. Glucose [Option ID = 62044]

Correct Answer :-

- Glycogen [Option ID = 62043]

35) Expert who focuses on determining the cause of death is known as:

[Question ID = 30523]

1. Forensic pathologist [Option ID = 62084]
2. Forensic entomologist [Option ID = 62081]
3. Forensic anthropologist [Option ID = 62083]
4. Forensic toxicologist [Option ID = 62082]

Correct Answer :-

- Forensic pathologist [Option ID = 62084]

36) Beer-Lambert law is concerned with

[Question ID = 30580]

1. relationship between reflection & transmittance of an absorbing species [Option ID = 62309]
2. relationship between reflection and concentration of an absorbing species [Option ID = 62312]
3. linear relationship between absorbance & concentration of an absorbing species. [Option ID = 62311]
4. inverse relationship between absorbance & concentration of an absorbing species [Option ID = 62310]

Correct Answer :-

- linear relationship between absorbance & concentration of an absorbing species. [Option ID = 62311]

37) A specific copy machine may be identified on the basis of which of the following individual feature? [Question ID = 30525]

1. Toner formulation [Option ID = 62089]
2. Font characteristics [Option ID = 62092]
3. Paper composition [Option ID = 62090]
4. Accidental marks on the drum [Option ID = 62091]

Correct Answer :-

- Accidental marks on the drum [Option ID = 62091]

38) Stellate or star shaped wound is a characteristic feature of [Question ID = 30563]

1. Contact shot under hard bone [Option ID = 62241]
2. Close range shot [Option ID = 62242]
3. Contact shot at stomach [Option ID = 62244]
4. Soft nose bullet [Option ID = 62243]

Correct Answer :-

- Contact shot under hard bone [Option ID = 62241]

39) Theory saying that the crime is largely a product of an individual's body build or somatotype is given by [Question ID = 30565]

1. Lombroso [Option ID = 62249]
2. Becker [Option ID = 62252]
3. Merton [Option ID = 62251]
4. Sheldon [Option ID = 62250]

Correct Answer :-

- Sheldon [Option ID = 62250]

40) First eruption of temporary teeth occurs at the age of: [Question ID = 30507]

1. 6 months [Option ID = 62018]
2. 1 year [Option ID = 62020]
3. 9 months [Option ID = 62019]
4. 3 months [Option ID = 62017]

Correct Answer :-

- 6 months [Option ID = 62018]

41) Biodegradable wastes can usually be converted into useful substances with the help of

[Question ID = 30524]

1. Bacteria [Option ID = 62085]
2. Radioactive substances [Option ID = 62088]
3. Viruses [Option ID = 62086]
4. Nuclear proteins [Option ID = 62087]

Correct Answer :-

- Bacteria [Option ID = 62085]

42) Lucas test is used for the test of which of the following [Question ID = 30558]

1. carbohydrates [Option ID = 62224]
2. alcohol [Option ID = 62221]
3. acids [Option ID = 62222]
4. amines [Option ID = 62223]

Correct Answer :-

- alcohol [Option ID = 62221]

43) Three dimensional footwear evidences can be preserved by [Question ID = 30585]

1. fuming [Option ID = 62329]
2. photography [Option ID = 62332]
3. dusting [Option ID = 62330]
4. casting [Option ID = 62331]

Correct Answer :-

- casting [Option ID = 62331]

44) Phase of maximum physical, psychosocial, cognitive, and emotional growth of human beings is: [Question ID = 30512]

1. Early Childhood [Option ID = 62037]
2. Late Childhood [Option ID = 62038]
3. Adolescence [Option ID = 62040]
4. Adulthood [Option ID = 62039]

Correct Answer :-

- Adolescence [Option ID = 62040]

45) A crack in the glass from a rough circle around the point of impact is known as

[Question ID = 30562]

1. Tempered glass [Option ID = 62240]
2. Concentric fracture [Option ID = 62238]
3. Radial fracture [Option ID = 62237]
4. Leaked glass [Option ID = 62239]

Correct Answer :-

- Concentric fracture [Option ID = 62238]

46) The double helix structure of DNA is held together by [Question ID = 30589]

1. sulphur sulphur linkage [Option ID = 62345]
2. glycosidic bond [Option ID = 62348]
3. peptide bonding [Option ID = 62346]
4. hydrogen bond [Option ID = 62347]

Correct Answer :-

- hydrogen bond [Option ID = 62347]

47) A person who specialises in the study of human skeletal remains within a legal context is known as a: [Question ID = 30510]

1. Forensic Anthropologist [Option ID = 62029]
2. Forensic Pathologist [Option ID = 62032]
3. Forensic Odontologist [Option ID = 62031]
4. Forensic Scientist [Option ID = 62030]

Correct Answer :-

- Forensic Anthropologist [Option ID = 62029]

48) Children who are habitually absent from school or home are called

[Question ID = 30572]

1. Vagrant [Option ID = 62279]
2. Thrown-away children [Option ID = 62277]
3. Street children [Option ID = 62280]
4. Truant [Option ID = 62278]

Correct Answer :-

- Truant [Option ID = 62278]

49) What is the range of visible light? [Question ID = 30506]

1. 400 – 700 nm [Option ID = 62013]
2. 120 – 300 nm [Option ID = 62015]
3. 800 to 100 nm [Option ID = 62016]
4. 301 to 390 nm [Option ID = 62014]

Correct Answer :-

- 400 – 700 nm [Option ID = 62013]

50) Visible prints that occur when a foreign substance on the skin of a finger comes in contact with the smooth surface of another object is called: [Question ID = 30541]

1. Plastic prints [Option ID = 62154]
2. Latent prints [Option ID = 62155]
3. Patent prints [Option ID = 62153]
4. None of these [Option ID = 62156]

Correct Answer :-

- Patent prints [Option ID = 62153]

51) Lead pencil contains which of the following [Question ID = 30597]

1. Chromium [Option ID = 62379]
2. Manganese [Option ID = 62380]
3. Lead [Option ID = 62377]
4. Graphite [Option ID = 62378]

Correct Answer :-

- Graphite [Option ID = 62378]

52) Calvin Goddard and Phillip Gravelle modernized the forensic examination of firearms by inventing :

[Question ID = 30542]

1. Stereoscopic microscope [Option ID = 62159]
2. Dissection microscope [Option ID = 62157]
3. All of these [Option ID = 62160]
4. Comparison microscope [Option ID = 62158]

Correct Answer :-

- Comparison microscope [Option ID = 62158]

53) Iodine fumes adhere to this type of fingerprint residue [Question ID = 30593]

1. salts [Option ID = 62363]
2. sweat [Option ID = 62364]
3. carbohydrates [Option ID = 62361]
4. lipids and fats [Option ID = 62362]

Correct Answer :-

- lipids and fats [Option ID = 62362]

54) Integrated automated fingerprint identification system, is the national fingerprint database maintained by the [Question ID = 30590]

1. CBI [Option ID = 62349]
2. FBI [Option ID = 62350]
3. CFSL [Option ID = 62352]
4. FSL [Option ID = 62351]

Correct Answer :-

- FBI [Option ID = 62350]

55) Specify the number of triradius in a loop

[Question ID = 30545]

1. One [Option ID = 62169]
2. Three [Option ID = 62171]
3. Two [Option ID = 62170]
4. None of these [Option ID = 62172]

Correct Answer :-

- One [Option ID = 62169]

56) Polygraph is an assistive techniques to: [Question ID = 30569]

1. None of these [Option ID = 62268]
2. Correctional process [Option ID = 62266]
3. Investigative process [Option ID = 62265]
4. Rehabilitative process [Option ID = 62267]

Correct Answer :-

- Investigative process [Option ID = 62265]

57) Planck's constant [Question ID = 30581]

1. relates the energy of photon of light to its frequency [Option ID = 62315]
2. is a measure of speed of light in frequency units [Option ID = 62313]
3. is a measure of wavelength [Option ID = 62314]

4. varies with the medium that the light is passing through [Option ID = 62316]

Correct Answer :-

- relates the energy of photon of light to its frequency [Option ID = 62315]

58) Ninhydrin reacts with what type of finger print residue [Question ID = 30584]

1. Salts [Option ID = 62328]
2. water [Option ID = 62325]
3. Lipids and fats [Option ID = 62327]
4. Amino acids [Option ID = 62326]

Correct Answer :-

- Amino acids [Option ID = 62326]

59) Which one is linked with the Cephalic Index? [Question ID = 30515]

1. Mesorrhine [Option ID = 62052]
2. Platyrrhine [Option ID = 62051]
3. Leptorrhine [Option ID = 62049]
4. Brachycephaly [Option ID = 62050]

Correct Answer :-

- Brachycephaly [Option ID = 62050]

60) Which of the following is a type of non-impact printer? [Question ID = 30501]

1. Daisy wheel printer [Option ID = 61995]
2. Dot Matrix printer [Option ID = 61994]
3. both Dot Matrix printer & Daisy wheel printer [Option ID = 61996]
4. Laser printer [Option ID = 61993]

Correct Answer :-

- Laser printer [Option ID = 61993]

61) Which of the following cannot be used as a source of IR radiation? [Question ID = 30505]

1. Incandescent Lamp. [Option ID = 62009]
2. Mercury Arc [Option ID = 62011]
3. Nernst Glower [Option ID = 62010]
4. Tungsten lamp. [Option ID = 62012]

Correct Answer :-

- Mercury Arc [Option ID = 62011]

62) Toxicologists detect and identify drugs and poisons in [Question ID = 30520]

1. Tissues [Option ID = 62070]
2. Body fluids [Option ID = 62069]
3. Organs [Option ID = 62071]
4. All of these [Option ID = 62072]

Correct Answer :-

- All of these [Option ID = 62072]

63) A delinquency offense can be defined as: [Question ID = 30561]

1. An act committed by a minor, for which an adult could be prosecuted in a criminal court [Option ID = 62234]
2. An act committed by a minor as a result of disequilibrium of homeostasis. [Option ID = 62235]
3. An act committed by a minor with the absence of any rational motive. [Option ID = 62236]
4. An act committed by a minor, for which an adult could not be prosecuted in a criminal court [Option ID = 62233]

Correct Answer :-

- An act committed by a minor, for which an adult could be prosecuted in a criminal court [Option ID = 62234]

64) Person having antigen B on surface of RBCs has [Question ID = 30596]

1. blood group B [Option ID = 62373]
2. blood group AB [Option ID = 62376]
3. blood group O [Option ID = 62375]

4. blood group A [Option ID = 62374]

Correct Answer :-

- blood group B [Option ID = 62373]

65) Practice of untouchability is prohibited by [Question ID = 30552]

1. Article 20 [Option ID = 62200]
2. Article 18 [Option ID = 62198]
3. Article 19 [Option ID = 62199]
4. Article 17 [Option ID = 62197]

Correct Answer :-

- Article 17 [Option ID = 62197]

66) After birth Human baby grows: [Question ID = 30503]

1. None of these [Option ID = 62004]
2. With differential rate [Option ID = 62002]
3. With constant rate [Option ID = 62003]
4. Erratically [Option ID = 62001]

Correct Answer :-

- With differential rate [Option ID = 62002]

67) Maximum nasal breadth is measured using which of the following landmark [Question ID = 30575]

1. alare [Option ID = 62292]
2. nasospinale [Option ID = 62290]
3. zygion [Option ID = 62291]
4. nasion [Option ID = 62289]

Correct Answer :-

- alare [Option ID = 62292]

68) Maximum Cranial Length can be measured using which of the following landmarks

[Question ID = 30574]

1. nasion and opisthocranium [Option ID = 62288]
2. glabella and opisthocranium [Option ID = 62287]
3. glabella and euryon [Option ID = 62286]
4. opisthocranium and euryon [Option ID = 62285]

Correct Answer :-

- glabella and opisthocranium [Option ID = 62287]

69) Among following, who is known as the father of criminal detection

[Question ID = 30522]

1. Francis Galton [Option ID = 62080]
2. Arthur Conan Doyle [Option ID = 62077]
3. Alphonse Bertillon [Option ID = 62078]
4. Mathieu Orfila [Option ID = 62079]

Correct Answer :-

- Alphonse Bertillon [Option ID = 62078]

70) Human trafficking is which of the following type of crime

[Question ID = 30566]

1. Violent crime [Option ID = 62255]
2. Property crime [Option ID = 62256]
3. Hate crime [Option ID = 62253]
4. Organised crime [Option ID = 62254]

Correct Answer :-

- Organised crime [Option ID = 62254]

71) 'Ecstasy' is the alternate term used for which of the following :

[Question ID = 30530]

1. Amphetamine [Option ID = 62109]
2. Methamphetamine [Option ID = 62110]
3. 3,4-methylenedioxymethamphetamine (MDMA) [Option ID = 62112]
4. 3,4-methylenedioxyamphetamine (MDA) [Option ID = 62111]

Correct Answer :-

- 3,4-methylenedioxymethamphetamine (MDMA) [Option ID = 62112]

72) Role of a forensic anthropologist is to: [Question ID = 30508]

1. All of these [Option ID = 62024]
2. Ascertain the mode of death [Option ID = 62021]
3. Ascertain the time of death [Option ID = 62022]
4. Facial Reconstruction [Option ID = 62023]

Correct Answer :-

- All of these [Option ID = 62024]

73) Comparison microscope consist of [Question ID = 30583]

1. 2 simple microscope [Option ID = 62323]
2. 1 simple and 1 compound microscope [Option ID = 62321]
3. 2 compound microscope [Option ID = 62322]
4. 2 electron microscope [Option ID = 62324]

Correct Answer :-

- 2 compound microscope [Option ID = 62322]

74) Human being has following number of chromosome: [Question ID = 30516]

1. 23 pair [Option ID = 62054]
2. 25 pair [Option ID = 62055]
3. 21 pair [Option ID = 62053]
4. 28 pair [Option ID = 62056]

Correct Answer :-

- 23 pair [Option ID = 62054]

75) A developing intellectual method which emphasizes gender issues in criminology is called [Question ID = 30567]

1. Labelling criminology [Option ID = 62257]
2. Post-modern criminology [Option ID = 62258]
3. Radical criminology [Option ID = 62259]
4. Feminist criminology [Option ID = 62260]

Correct Answer :-

- Feminist criminology [Option ID = 62260]

76) A test that establishes the possibility that a specific type of fluid or substance is present in a sample is called [Question ID = 30594]

1. confirmatory test [Option ID = 62365]
2. secondary test [Option ID = 62368]
3. presumptive test [Option ID = 62367]
4. primary test [Option ID = 62366]

Correct Answer :-

- presumptive test [Option ID = 62367]

77) Which of the following drugs is not made in India? [Question ID = 30568]

1. Brown sugar [Option ID = 62264]
2. Charas [Option ID = 62261]
3. Bhang [Option ID = 62263]

4. Cocaine [Option ID = 62262]

Correct Answer :-

- Cocaine [Option ID = 62262]

78) Which of the following constitutes a type of juvenile delinquency? [Question ID = 30560]

1. criminal offense [Option ID = 62231]
2. civil offense [Option ID = 62230]
3. status offense [Option ID = 62229]
4. both status offense and criminal offense [Option ID = 62232]

Correct Answer :-

- both status offense and criminal offense [Option ID = 62232]

79) Which of the following is a robust tool for analysis of adulteration of petrol, diesel and kerosene [Question ID = 30504]

1. Gas chromatography [Option ID = 62007]
2. Spectrophotometry [Option ID = 62006]
3. Thin layer chromatography [Option ID = 62005]
4. electrophoresis [Option ID = 62008]

Correct Answer :-

- Gas chromatography [Option ID = 62007]

80) Which of the following is not a component of radioactive decay [Question ID = 30519]

1. Gamma [Option ID = 62068]
2. Beta [Option ID = 62066]
3. Alpha [Option ID = 62065]
4. Delta [Option ID = 62067]

Correct Answer :-

- Delta [Option ID = 62067]

81) Which of the following statements is false: [Question ID = 30535]

1. Latent fingerprints are invisible to the naked eye. [Option ID = 62132]
2. Latent fingerprints require development in order to make them visible. [Option ID = 62131]
3. Plastic fingerprints involve the deposition of material onto a surface. [Option ID = 62130]
4. Plastic fingerprints are three dimensional. [Option ID = 62129]

Correct Answer :-

- Plastic fingerprints involve the deposition of material onto a surface. [Option ID = 62130]

82) Which of the following is a man-made fibre? [Question ID = 30527]

1. Jute [Option ID = 62099]
2. cotton [Option ID = 62100]
3. Rayon [Option ID = 62097]
4. Hemp [Option ID = 62098]

Correct Answer :-

- Rayon [Option ID = 62097]

83) Which of the following is a characteristic feature of authentic handwriting? [Question ID = 30526]

1. Rhythm and flow [Option ID = 62095]
2. Pen pressure [Option ID = 62094]
3. All of these [Option ID = 62096]
4. Embellishments [Option ID = 62093]

Correct Answer :-

- All of these [Option ID = 62096]

84) pH means which of the following: [Question ID = 30579]

1. negative logarithm of the concentration of hydrogen ions [Option ID = 62306]
2. percentage of hydrogen ions [Option ID = 62307]
3. logarithm of the concentration of hydrogen ions [Option ID = 62305]

4. concentration of hydrogen ion [Option ID = 62308]

Correct Answer :-

- negative logarithm of the concentration of hydrogen ions [Option ID = 62306]

85) For identification of sex, best indicators are [Question ID = 30499]

1. Innominate and pubic bones [Option ID = 61985]
2. radius [Option ID = 61988]
3. Cranium [Option ID = 61987]
4. Femur bone [Option ID = 61986]

Correct Answer :-

- Innominate and pubic bones [Option ID = 61985]

86) Studies which measure the same variables in the same subject over time are called: [Question ID = 30502]

1. None of these [Option ID = 62000]
2. Semi longitudinal study [Option ID = 61999]
3. Longitudinal study [Option ID = 61998]
4. Cross sectional study [Option ID = 61997]

Correct Answer :-

- Longitudinal study [Option ID = 61998]

87) Most common adulterant in country made liquor is [Question ID = 30511]

1. Potassium [Option ID = 62036]
2. Isopropyl alcohol [Option ID = 62035]
3. Methanol [Option ID = 62034]
4. Propanol [Option ID = 62033]

Correct Answer :-

- Methanol [Option ID = 62034]

88) Fingerprint recovery from the surface of firearms is done with: [Question ID = 30540]

1. All of these [Option ID = 62152]
2. Ninhydrin fuming [Option ID = 62151]
3. Iodine fuming [Option ID = 62150]
4. Cyanoacrylate fuming [Option ID = 62149]

Correct Answer :-

- Cyanoacrylate fuming [Option ID = 62149]

89) The shedding phase of human hair is known as:

[Question ID = 30528]

1. Catagen [Option ID = 62101]
2. Anagen [Option ID = 62102]
3. None of these [Option ID = 62104]
4. Telogen [Option ID = 62103]

Correct Answer :-

- None of these [Option ID = 62104]

90) The Lie detecting techniques assess the changes in which of the following:

[Question ID = 30570]

1. Heart beat rate [Option ID = 62269]
2. Skin conductivity [Option ID = 62271]
3. Respiratory rate [Option ID = 62270]
4. All of these [Option ID = 62272]

Correct Answer :-

- All of these [Option ID = 62272]

91) The study of firearms and firearm ballistics is often divided into:

[Question ID = 30548]

1. internal, external and terminal ballistics [Option ID = 62182]
2. internal and terminal ballistics [Option ID = 62183]
3. internal and external ballistics [Option ID = 62181]
4. internal, peripheral, external and terminal ballistics. [Option ID = 62184]

Correct Answer :-

- internal and external ballistics [Option ID = 62181]

92) The type of spectrometry that uses electrons to bombard a sample is

[Question ID = 30582]

1. Scanning electron microscope [Option ID = 62317]
2. Mass spectrophotometry [Option ID = 62318]
3. Infrared spectrophotometry [Option ID = 62320]
4. Microwave spectrometry [Option ID = 62319]

Correct Answer :-

- Mass spectrophotometry [Option ID = 62318]

93) The data recorded as , 'Crime in India' is published by which of the following

[Question ID = 30576]

1. Police Academy [Option ID = 62296]
2. Bureau of Police Research and Development [Option ID = 62293]
3. National Crime Records Bureau [Option ID = 62295]
4. National Institute of Criminology and Forensic Science [Option ID = 62294]

Correct Answer :-

- National Crime Records Bureau [Option ID = 62295]

94) The field of ballistics is able to identify:

[Question ID = 30544]

1. powder burn [Option ID = 62166]
2. use of firearms [Option ID = 62167]
3. All of these [Option ID = 62168]
4. rifling patterns, marks made by suppressors (silencers) [Option ID = 62165]

Correct Answer :-

- All of these [Option ID = 62168]

95) The first successful documented case of forensic firearm examination occurred in:

[Question ID = 30539]

1. 1930 [Option ID = 62145]
2. 1835 [Option ID = 62146]
3. 1945 [Option ID = 62148]
4. 1836 [Option ID = 62147]

Correct Answer :-

- 1835 [Option ID = 62146]

96) The blood alcohol concentration to the breath alcohol concentration is:

[Question ID = 30517]

1. 1200:1 [Option ID = 62059]
2. 210:1 [Option ID = 62060]
3. 2100:1 [Option ID = 62058]
4. 120:1 [Option ID = 62057]

Correct Answer :-

- 2100:1 [Option ID = 62058]

97) Unstable isotopes are produced by artificial

[Question ID = 30598]

1. absorbance [Option ID = 62384]
2. energy less [Option ID = 62383]
3. splitting [Option ID = 62382]
4. disintegration [Option ID = 62381]

Correct Answer :-

- disintegration [Option ID = 62381]

98) Tyre marks made into deep snow are categorised as: [Question ID = 30546]

1. Plastic prints [Option ID = 62176]
2. Patent prints [Option ID = 62175]
3. Invisible prints [Option ID = 62173]
4. Latent prints [Option ID = 62174]

Correct Answer :-

- Plastic prints [Option ID = 62176]

99) The Indian Constitution was enforced on [Question ID = 30553]

1. 26th Nov, 1949 [Option ID = 62202]
2. 30th Jan, 1950 [Option ID = 62204]
3. 26th Jan, 1950 [Option ID = 62203]
4. 15th Aug, 1947 [Option ID = 62201]

Correct Answer :-

- 26th Jan, 1950 [Option ID = 62203]

100) Forensic firearm examination is the process of examining the characteristics of:

[Question ID = 30538]

1. bullets left behind at a crime scene [Option ID = 62143]
2. cartridges left behind at a crime scene [Option ID = 62142]
3. firearms left behind at a crime scene [Option ID = 62141]
4. All of these [Option ID = 62144]

Correct Answer :-

- All of these [Option ID = 62144]