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DU MSc Forensic Science

Topic:- DU_J19_MSC_FS

1) The suture between the parietal bones is known as [Question ID = 501]

1. Coronal suture [Option ID = 2003]
2. Lambdoid suture [Option ID = 2001]
3. Metopic suture [Option ID = 2004]
4. Sagittal suture [Option ID = 2002]

Correct Answer :-

- Lambdoid suture [Option ID = 2001]

2) The chronological documentation of crime evidence from its collection at crime scene to its processing at forensic laboratory to its presentation at the court of law is called [Question ID = 450]

1. Chain of custody [Option ID = 1800]
2. Evidence logbook [Option ID = 1799]
3. Evidence flag [Option ID = 1798]
4. Evidence marker [Option ID = 1797]

Correct Answer :-

- Evidence marker [Option ID = 1797]

3) The toxic compound released during Bhopal gas tragedy episode in December 1984 was [Question ID = 446]

1. Carbon monoxide [Option ID = 1782]
2. Phosgene [Option ID = 1783]
3. Methyl isocyanate [Option ID = 1781]
4. Cyanogen [Option ID = 1784]

Correct Answer :-

- Methyl isocyanate [Option ID = 1781]

4) Which of the following is planar Chromatography

[Question ID = 481]

1. HPLC [Option ID = 1921]
2. TLC [Option ID = 1923]
3. GC [Option ID = 1922]
4. GLC [Option ID = 1924]

Correct Answer :-

- HPLC [Option ID = 1921]

5) Which is NOT a component of fire tetrahedron?

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[Question ID = 448]

1. Oxygen [Option ID = 1789]
2. Light [Option ID = 1791]
3. Fuel [Option ID = 1790]
4. Chemical chain reaction [Option ID = 1792]

Correct Answer :-

- Oxygen [Option ID = 1789]

6) Forensic palynology is the study of [Question ID = 412]

1. Dust [Option ID = 1645]
2. Soils [Option ID = 1646]
3. Fossilised micro-organisms [Option ID = 1648]
4. Pollens and spores [Option ID = 1647]

Correct Answer :-

- Dust [Option ID = 1645]

7) Enzyme that is used to join DNA fragments [Question ID = 476]

1. DNA- Topoisomerase [Option ID = 1904]
2. DNA Ligase [Option ID = 1902]
3. DNA Polymerase [Option ID = 1903]
4. Reverse transcriptase [Option ID = 1901]

Correct Answer :-

- Reverse transcriptase [Option ID = 1901]

8) Zn-EDTA complex have following coordination number and geometry [Question ID = 485]

1. 4, Square Planar [Option ID = 1939]
2. 4, Tetrahedral [Option ID = 1938]
3. 6, Octahedral [Option ID = 1937]
4. 4, Octahedral [Option ID = 1940]

Correct Answer :-

- 6, Octahedral [Option ID = 1937]

9) PVC stands for [Question ID = 469]

1. Poly Vinyl Carbon [Option ID = 1874]
2. Per Vinyl Chloride [Option ID = 1873]
3. Poly Vinyl Chloride [Option ID = 1876]
4. Per Vinyl Carbon [Option ID = 1875]

Correct Answer :-

- Per Vinyl Chloride [Option ID = 1873]

10) An infectious agent composed of only protein

[Question ID = 478]

1. Prions [Option ID = 1909]
2. Virus [Option ID = 1911]

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3. Virusoids [Option ID = 1910]
4. Virions [Option ID = 1912]

Correct Answer :-

- Prions [Option ID = 1909]

11) The document used for maintaining fingerprint record of criminals at crime record offices is called – [Question ID = 440]

1. Accused card [Option ID = 1760]
2. Suspect card [Option ID = 1758]
3. Index card [Option ID = 1759]
4. Criminal card [Option ID = 1757]

Correct Answer :-

- Criminal card [Option ID = 1757]

12) The degree of accuracy in sexing adult skeletal remains from both Pelvis and skull is [Question ID = 508]

1. 80% [Option ID = 2029]
2. 98% [Option ID = 2032]
3. 90% [Option ID = 2031]
4. 85% [Option ID = 2030]

Correct Answer :-

- 80% [Option ID = 2029]

13) Coronal suture completely fuses by the age of [Question ID = 504]

1. 40 yrs [Option ID = 2015]
2. 30 yrs [Option ID = 2014]
3. 20 yrs [Option ID = 2013]
4. 45 yrs [Option ID = 2016]

Correct Answer :-

- 20 yrs [Option ID = 2013]

14) In PCR reaction, denaturation, annealing and elongation steps respectively take place at temperature,

[Question ID = 456]

1. 55°c, 72°c, 94°c [Option ID = 1822]
2. 94°c, 55°c, 72°c [Option ID = 1823]
3. 72°c, 94°c, 55°c [Option ID = 1824]
4. 94 °c, 72°c, 55°c [Option ID = 1821]

Correct Answer :-

- 94 °c, 72°c, 55°c [Option ID = 1821]

15) In IPC, the section dealing with punishment for murder is

[Question ID = 455]

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1. IPC-301 [Option ID = 1819]
2. IPC-302 [Option ID = 1820]
3. IPC-299 [Option ID = 1818]
4. IPC-300 [Option ID = 1817]

Correct Answer :-

- IPC-300 [Option ID = 1817]

16) In a child, first permanent tooth to erupt is [Question ID = 496]

1. Central incisor [Option ID = 1981]
2. First molar [Option ID = 1982]
3. Canine [Option ID = 1983]
4. Lateral incisor [Option ID = 1984]

Correct Answer :-

- Central incisor [Option ID = 1981]

17) In Turner's syndrome, the chromosomal pattern is

[Question ID = 506]

1. 45 XO [Option ID = 2022]
2. 47 XYY [Option ID = 2024]
3. 47 XXY [Option ID = 2023]
4. 46 XY [Option ID = 2021]

Correct Answer :-

- 46 XY [Option ID = 2021]

18) Arson is a [Question ID = 433]

1. Fire caused deliberately with malicious intention [Option ID = 1729]
2. Bush fires caused by lighting [Option ID = 1730]
3. Burning the wood [Option ID = 1732]
4. Fire due to accident [Option ID = 1731]

Correct Answer :-

- Fire caused deliberately with malicious intention [Option ID = 1729]

19) Cranial capacity of human male is normally [Question ID = 435]

1. Equal [Option ID = 1739]
2. Has no relevancy [Option ID = 1740]
3. Smaller than female [Option ID = 1738]
4. Greater than female [Option ID = 1737]

Correct Answer :-

- Greater than female [Option ID = 1737]

20) Analysis of short tandem repeats is a kind of

[Question ID = 427]

1. DNA test [Option ID = 1705]

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2. Psychometric test [Option ID = 1708]
3. Respiratory test [Option ID = 1706]
4. Physiological test [Option ID = 1707]

Correct Answer :-

- DNA test [Option ID = 1705]

21) Which component of sweat is tagged by ninhydrin reagent for developing fingerprints? [Question ID = 438]

1. Chloride ions [Option ID = 1752]
2. Fatty acids [Option ID = 1750]
3. Water [Option ID = 1749]
4. Proteins [Option ID = 1751]

Correct Answer :-

- Water [Option ID = 1749]

22) Cephalic index helps to identify [Question ID = 491]

1. Sex [Option ID = 1962]
2. Age [Option ID = 1961]
3. Race [Option ID = 1963]
4. Weight [Option ID = 1964]

Correct Answer :-

- Age [Option ID = 1961]

23) Aspirin is acetylation product of [Question ID = 472]

1. m- Hydroxy benzoic acid [Option ID = 1888]
2. o- Hydroxy benzene [Option ID = 1886]
3. o- Hydroxy benzoic acid [Option ID = 1885]
4. p- Hydroxy benzoic acid [Option ID = 1887]

Correct Answer :-

- o- Hydroxy benzoic acid [Option ID = 1885]

24) The anterior fontanelle usually closes between [Question ID = 498]

1. 6-9 months [Option ID = 1989]
2. 9-12 months [Option ID = 1990]
3. 4-5 years [Option ID = 1992]
4. 12-18 months [Option ID = 1991]

Correct Answer :-

- 6-9 months [Option ID = 1989]

25) The preservation of body from decaying using certain chemicals is called [Question ID = 432]

1. Adipocere formation [Option ID = 1728]
2. Embalming [Option ID = 1727]
3. Mummification [Option ID = 1726]
4. Decomposition [Option ID = 1725]

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Correct Answer :-

- Decomposition [Option ID = 1725]

26) Summon is a document of the court [Question ID = 489]

1. Compelling attendance of a witness [Option ID = 1953]
2. Providing legal immunity to a witness [Option ID = 1955]
3. Guarantee money of witness [Option ID = 1954]
4. That can be attended at will [Option ID = 1956]

Correct Answer :-

- Compelling attendance of a witness [Option ID = 1953]

27) ABABA... represents arrangement layer of

[Question ID = 482]

1. BCC [Option ID = 1927]
2. FCC [Option ID = 1928]
3. CCP [Option ID = 1926]
4. HCP [Option ID = 1925]

Correct Answer :-

- HCP [Option ID = 1925]

28) Invention of microscope was made by [Question ID = 462]

1. Galileo Galilei [Option ID = 1847]
2. August Kohler [Option ID = 1848]
3. Antony van Leeuwenhoek [Option ID = 1846]
4. Alphonse Bertillon [Option ID = 1845]

Correct Answer :-

- Alphonse Bertillon [Option ID = 1845]

29) Synthesis of glucose from fat is known as [Question ID = 475]

1. Glycogenolysis [Option ID = 1900]
2. Glycolysis [Option ID = 1898]
3. Saponification [Option ID = 1897]
4. Gluconeogenesis [Option ID = 1899]

Correct Answer :-

- Saponification [Option ID = 1897]

30) First central forensic science laboratory in India was established in 1952 at [Question ID = 436]

1. Mumbai [Option ID = 1742]
2. Kolkata [Option ID = 1743]
3. Chennai [Option ID = 1744]
4. Delhi [Option ID = 1741]

Correct Answer :-

- Delhi [Option ID = 1741]

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31) DNA can be extracted from [Question ID = 418]

1. Cut hair [Option ID = 1669]
2. RBC [Option ID = 1672]
3. Fibrinogen [Option ID = 1670]
4. WBC [Option ID = 1671]

Correct Answer :-

- Cut hair [Option ID = 1669]

32) Word odontology in forensic refers to study of

[Question ID = 468]

1. Birthmarks [Option ID = 1871]
2. Fingerprints [Option ID = 1872]
3. Bone [Option ID = 1869]
4. Teeth [Option ID = 1870]

Correct Answer :-

- Bone [Option ID = 1869]

33) Substance commonly used for preservation of viscera for toxicological purpose

[Question ID = 495]

1. 10% formalin [Option ID = 1977]
2. Saturated solution of common salt [Option ID = 1978]
3. Alcohol [Option ID = 1980]
4. 40% formalin [Option ID = 1979]

Correct Answer :-

- 10% formalin [Option ID = 1977]

34) Enzymes are absent in [Question ID = 471]

1. Virus [Option ID = 1883]
2. Algae [Option ID = 1881]
3. Fungi [Option ID = 1884]
4. Cyanobacteria [Option ID = 1882]

Correct Answer :-

- Algae [Option ID = 1881]

35) Post-mortem lividity refers to –

[Question ID = 449]

1. Decomposition of bile fluid after death [Option ID = 1795]
2. Flow of blood within the body after death [Option ID = 1796]
3. Denaturation of proteins after death [Option ID = 1794]
4. Decaying of skin after death [Option ID = 1793]

Correct Answer :-

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- Decaying of skin after death [Option ID = 1788]

36) X-rays were discovered by

[Question ID = 460]

1. Thomson [Option ID = 1837]
2. Einstein [Option ID = 1838]
3. Madam Curie [Option ID = 1839]
4. Wilhelm Rontgen [Option ID = 1840]

Correct Answer :-

- Thomson [Option ID = 1837]

37) The pattern found in the largest number of fingertips is – [Question ID = 441]

1. Loop [Option ID = 1762]
2. Arch [Option ID = 1761]
3. Accidental [Option ID = 1764]
4. Whorl [Option ID = 1763]

Correct Answer :-

- Arch [Option ID = 1761]

38) Hair examination under a microscope cannot tell about

[Question ID = 437]

1. Where on the body the hair came from [Option ID = 1747]
2. Whether it is permed or not [Option ID = 1748]
3. A person's race [Option ID = 1745]
4. A person's gender [Option ID = 1746]

Correct Answer :-

- A person's race [Option ID = 1745]

39) Majority of finger prints in Indians are [Question ID = 510]

1. Loop [Option ID = 2037]
2. Arch [Option ID = 2039]
3. Whorl [Option ID = 2038]
4. Composite [Option ID = 2040]

Correct Answer :-

- Loop [Option ID = 2037]

40) Who is the father of forensic toxicology?

[Question ID = 417]

1. Calvin Goddard [Option ID = 1667]
2. Edmond Locard [Option ID = 1666]
3. Karl Landsteiner [Option ID = 1665]
4. Mathieu Orfila [Option ID = 1668]

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Correct Answer :-

- Karl Landsteiner [Option ID = 1665]

41) Closure of all skull sutures indicates age more than

[Question ID = 502]

1. 50 years [Option ID = 2006]
2. 60 years [Option ID = 2007]
3. 70 years [Option ID = 2008]
4. 40 years [Option ID = 2005]

Correct Answer :-

- 40 years [Option ID = 2005]

42) Sherlock Holmes is a fictional detective created by author and physician [Question ID = 454]

1. Sir Arthur Conan Doyle [Option ID = 1813]
2. Mathieu Orfila [Option ID = 1814]
3. Francis Galton [Option ID = 1816]
4. Alphonse Bertillon [Option ID = 1815]

Correct Answer :-

- Sir Arthur Conan Doyle [Option ID = 1813]

43) Paternalism means

[Question ID = 494]

1. Absence of reasonable care and skill [Option ID = 1974]
2. Abuse of medical knowledge, so as to deprive the patient to make a choice [Option ID = 1973]
3. To operate without patient's consent [Option ID = 1976]
4. To obtain informed consent [Option ID = 1975]

Correct Answer :-

- Abuse of medical knowledge, so as to deprive the patient to make a choice [Option ID = 1973]

44) In XRD, X-rays are scattered by [Question ID = 483]

1. Electron [Option ID = 1931]
2. Proton [Option ID = 1929]
3. Nucleus [Option ID = 1932]
4. Neutron [Option ID = 1930]

Correct Answer :-

- Proton [Option ID = 1929]

45) PCR analysis was first given by

[Question ID = 458]

1. Watson and Crick [Option ID = 1830]
2. Karry Mullis [Option ID = 1829]
3. Ruth Sanger [Option ID = 1832]

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Correct Answer :-

- Karry Mullis [Option ID = 1829]

46) Rapid Conversion of α- D- glucose to β-D- glucose in solution is known as

[Question ID = 479]

1. Fluxionality [Option ID = 1916]
2. Epimerization [Option ID = 1915]
3. Mutarotation [Option ID = 1914]
4. Racemization [Option ID = 1913]

Correct Answer :-

- Racemization [Option ID = 1913]

47) Minamata disease is associated with

[Question ID = 447]

1. Arsenic poisoning [Option ID = 1788]
2. Lead poisoning [Option ID = 1785]
3. Cadmium poisoning [Option ID = 1787]
4. Mercury poisoning [Option ID = 1786]

Correct Answer :-

- Lead poisoning [Option ID = 1785]

48) Acromion is a part of

[Question ID = 426]

1. Cranium [Option ID = 1703]
2. Scapula [Option ID = 1704]
3. Pelvic girdle [Option ID = 1702]
4. Sacrum [Option ID = 1701]

Correct Answer :-

- Sacrum [Option ID = 1701]

49) Bones are useful for

[Question ID = 425]

1. Age determining [Option ID = 1697]
2. DNA extraction [Option ID = 1699]
3. Detecting cardiac activity [Option ID = 1700]
4. Sex determination [Option ID = 1698]

Correct Answer :-

- Age determining [Option ID = 1697]

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50) Total number of bones in adult human body is

[Question ID = 428]

1. 206 [Option ID = 1710]
2. 301 [Option ID = 1709]
3. 310 [Option ID = 1712]
4. 207 [Option ID = 1711]

Correct Answer :-

- 301 [Option ID = 1709]

51) Total number of teeth at the age of 8 years in females is

[Question ID = 497]

1. 12 [Option ID = 1985]
2. 20 [Option ID = 1987]
3. 16 [Option ID = 1986]
4. 24 [Option ID = 1988]

Correct Answer :-

- 12 [Option ID = 1985]

52) Age estimation from the physiological changes of teeth after 25 years is known as [Question ID = 505]

1. Pearson's formula [Option ID = 2019]
2. Gustafson's method [Option ID = 2020]
3. Bertillon's method [Option ID = 2018]
4. Galton's method [Option ID = 2017]

Correct Answer :-

- Galton's method [Option ID = 2017]

53) A cognizable offence signifies [Question ID = 487]

1. Imprisonment up to five years [Option ID = 1947]
2. Imprisonment up to one year [Option ID = 1946]
3. Only fine [Option ID = 1948]
4. Arrest without warrant [Option ID = 1945]

Correct Answer :-

- Arrest without warrant [Option ID = 1945]

54) In DNA complimentary bases are [Question ID = 470]

1. AG and TC [Option ID = 1879]
2. UA and CG [Option ID = 1878]
3. AT and GC [Option ID = 1877]
4. AT and GU [Option ID = 1880]

Correct Answer :-

- AT and GC [Option ID = 1877]

55) Minimum age to be witness in the court of law is [Question ID = 488]

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1. Twelve years [Option ID = 1950]
2. Any age [Option ID = 1952]
3. Eighteen years [Option ID = 1951]
4. Seven years [Option ID = 1949]

Correct Answer :-

- Seven years [Option ID = 1949]

56) Diatoms belongs to the group

[Question ID = 429]

1. Algae [Option ID = 1714]
2. Cyanobacteria [Option ID = 1716]
3. Fungi [Option ID = 1713]
4. Lichens [Option ID = 1715]

Correct Answer :-

- Fungi [Option ID = 1713]

57) The science which deals with the flight, behaviour and effects of projectiles is known as [Question ID = 414]

1. Lithodynamics [Option ID = 1656]
2. Ballistics [Option ID = 1655]
3. Aerology [Option ID = 1654]
4. Aerodynamics [Option ID = 1653]

Correct Answer :-

- Aerodynamics [Option ID = 1653]

58) The fingerprints usually found at the scenes of crime are – [Question ID = 439]

1. Plastic prints [Option ID = 1754]
2. Patent prints [Option ID = 1755]
3. Latent prints [Option ID = 1753]
4. Inked prints [Option ID = 1756]

Correct Answer :-

- Latent prints [Option ID = 1753]

59) DNA profiling cannot be applied in [Question ID = 457]

1. Sex identification [Option ID = 1826]
2. Paternity test [Option ID = 1827]
3. Wild life analysis [Option ID = 1825]
4. Knowing the country of origin [Option ID = 1828]

Correct Answer :-

- Wild life analysis [Option ID = 1825]

60) Firearm is defined in [Question ID = 416]

1. Indian Arms act 1959 [Option ID = 1661]
2. Indian arms act 1859 [Option ID = 1664]
3. Indian ammunition act [Option ID = 1663]

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4. Indian evidence act [Option ID = 1662]

Correct Answer :-

- Indian Arms act 1959 [Option ID = 1661]

61) The evidence collected from a bomb blast site must be packed in [Question ID = 444]

1. Plastic containers [Option ID = 1773]
2. Metal containers [Option ID = 1776]
3. Polythene bags [Option ID = 1775]
4. Paper bags [Option ID = 1774]

Correct Answer :-

- Plastic containers [Option ID = 1773]

62) Maximum number of milk teeth in a child is [Question ID = 499]

1. 28 [Option ID = 1996]
2. 24 [Option ID = 1995]
3. 20 [Option ID = 1994]
4. 16 [Option ID = 1993]

Correct Answer :-

- 16 [Option ID = 1993]

63) The DNA profiling technique in 1984 was first introduced by [Question ID = 466]

1. Watson and crick [Option ID = 1862]
2. Hargobind Khorana [Option ID = 1864]
3. Karry Mullis [Option ID = 1861]
4. Sir Alec Jeffreys [Option ID = 1863]

Correct Answer :-

- Karry Mullis [Option ID = 1861]

64) The pH value of human blood is [Question ID = 463]

1. 7.35-7.45 [Option ID = 1851]
2. 6.9-7.3 [Option ID = 1850]
3. 6.8-7.2 [Option ID = 1849]
4. 7.0-7.4 [Option ID = 1852]

Correct Answer :-

- 6.8-7.2 [Option ID = 1849]

65) Azaridicta Indica is biological name of

[Question ID = 473]

1. Neem [Option ID = 1891]
2. Mango [Option ID = 1892]
3. Banana [Option ID = 1889]
4. Onion [Option ID = 1890]

Correct Answer :-

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66) Density gradient method is used for forensic analysis of

[Question ID = 452]

1. Hair evidence [Option ID = 1807]
2. Paint evidence [Option ID = 1806]
3. Soil evidence [Option ID = 1805]
4. Fibre evidence [Option ID = 1808]

Correct Answer :-

- Soil evidence [Option ID = 1805]

67) World's first fingerprint bureau was established in [Question ID = 442]

1. UK [Option ID = 1767]
2. USA [Option ID = 1768]
3. India [Option ID = 1765]
4. China [Option ID = 1766]

Correct Answer :-

- India [Option ID = 1765]

68) Which of the following expertise is not used in forensic investigation? [Question ID = 423]

1. Primate behaviour [Option ID = 1691]
2. Genetics [Option ID = 1692]
3. Ballistics [Option ID = 1690]
4. Toxicology [Option ID = 1689]

Correct Answer :-

- Toxicology [Option ID = 1689]

69) Which of the following method is the most reliable for identification among identical twins [Question ID = 453]

1. DNA fingerprinting [Option ID = 1812]
2. Somatometry [Option ID = 1811]
3. Blood groups [Option ID = 1810]
4. Scar marks [Option ID = 1809]

Correct Answer :-

- Scar marks [Option ID = 1809]

70) Which of the following is an example of an individual characteristic that can definitely be associated with one individual? [Question ID = 411]

1. Blood types [Option ID = 1641]
2. Materials in plastic bags [Option ID = 1643]
3. Custom paint on a vehicle [Option ID = 1642]
4. Fingerprint ridges [Option ID = 1644]

Correct Answer :-

- Blood types [Option ID = 1641]

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71) Which of the following is the su[illegible]ion [Question ID = 2032]

1. Fingerprint [Option ID = 2035]
2. Handwriting [Option ID = 2033]
3. Speech [Option ID = 2034]
4. Complexion and feature [Option ID = 2036]

Correct Answer :-

- Handwriting [Option ID = 2033]

72) Which of the following is not a rifled weapon? [Question ID = 415]

1. Machine gun [Option ID = 1659]
2. Pistol [Option ID = 1657]
3. Shotgun [Option ID = 1658]
4. Revolver [Option ID = 1660]

Correct Answer :-

- Pistol [Option ID = 1657]

73) Which of the following is not a plant fibre [Question ID = 413]

1. Hemp [Option ID = 1652]
2. Cotton [Option ID = 1649]
3. Jute [Option ID = 1651]
4. Wool [Option ID = 1650]

Correct Answer :-

- Cotton [Option ID = 1649]

74) Which of the following firearm has no standard [Question ID = 467]

1. Pistol [Option ID = 1868]
2. Revolver [Option ID = 1866]
3. Rifle [Option ID = 1865]
4. Improvised firearm [Option ID = 1867]

Correct Answer :-

- Rifle [Option ID = 1865]

75) Which of the following sections of IPC deals with criminal negligence? [Question ID = 486]

1. Section 304 [Option ID = 1942]
2. Section 306 [Option ID = 1944]
3. Section 304A [Option ID = 1943]
4. Section 302 [Option ID = 1941]

Correct Answer :-

- Section 302 [Option ID = 1941]

76) Which of the following sections of IPC deals with murder? [Question ID = 490]

1. Section 304 [Option ID = 1960]
2. Section 299 [Option ID = 1958]
3. Section 298 [Option ID = 1957]
4. Section 300 [Option ID = 1959]

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Correct Answer :-

- Section 298 [Option ID = 1957]

77) Which of the enzymes is active above 90˚c? [Question ID = 430]

1. Lipase [Option ID = 1720]
2. ATP Synthestase [Option ID = 1719]
3. Taq Polymerase [Option ID = 1718]
4. Peroxidase [Option ID = 1717]

Correct Answer :-

- Peroxidase [Option ID = 1717]

78) Which one of the following was the first forensic DNA technique developed? [Question ID = 493]

1. SNP [Option ID = 1972]
2. STR [Option ID = 1969]
3. AFLP [Option ID = 1971]
4. VNTR [Option ID = 1970]

Correct Answer :-

- STR [Option ID = 1969]

79) Which one of the following is wrongly matched? [Question ID = 474]

1. Fungi-Chitin [Option ID = 1893]
2. Phospholipid-Plasma membrane [Option ID = 1896]
3. Anti-Body - Glycoprotein [Option ID = 1894]
4. Enzyme-Liposaccharide [Option ID = 1895]

Correct Answer :-

- Fungi-Chitin [Option ID = 1893]

80) Lysergic acid diethylamide (LSD) is a

[Question ID = 451]

1. Depressant drug [Option ID = 1802]
2. Hallucinogenic drug [Option ID = 1803]
3. Stimulant drug [Option ID = 1801]
4. Narcotic drug [Option ID = 1804]

Correct Answer :-

- Stimulant drug [Option ID = 1801]

81) The DO level of water can be determined by [Question ID = 484]

1. Winkler's method [Option ID = 1934]
2. Conductometric method [Option ID = 1933]
3. Spectrophotometric method [Option ID = 1936]
4. pH- metric Titration method [Option ID = 1935]

Correct Answer :-

- Conductometric method [Option ID = 1933]

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82) Detection of P30 antigen is a test for the detection of [Question ID = 492]

1. Semen [Option ID = 1966]
2. Saliva [Option ID = 1965]
3. Urine [Option ID = 1968]
4. Sweat [Option ID = 1967]

Correct Answer :-

- Saliva [Option ID = 1965]

83) Human hair is differentiated from animal hair by the fact that [Question ID = 503]

1. Medullary width is roughly 50% of the total shaft diameter [Option ID = 2010]
2. Medullary width is roughly 60% of the total shaft diameter [Option ID = 2012]
3. Medullary width is nearly 1/3 of the total shaft diameter [Option ID = 2009]
4. Medullary width is more than 2/3 of the total shaft diameter [Option ID = 2011]

Correct Answer :-

- Medullary width is nearly 1/3 of the total shaft diameter [Option ID = 2009]

84) Alphonse Bertillon [Question ID = 434]

1. Discovered DNA fingerprinting [Option ID = 1735]
2. Identified the people based on body measurements i.e. anthropometry [Option ID = 1734]
3. Was a Ballistic expert [Option ID = 1736]
4. Recognized that finger prints were individual [Option ID = 1733]

Correct Answer :-

- Recognized that finger prints were individual [Option ID = 1733]

85) The passage of evidence bag from one person to the next, from the time it is collected until it finds its way into the court room for the trial (and even thereafter), the person accepting the item dates and signs their name on the bag. This is known as [Question ID = 419]

1. Chain of custody [Option ID = 1674]
2. Chain of customers [Option ID = 1673]
3. Chain of courts [Option ID = 1676]
4. Chain of consumers [Option ID = 1675]

Correct Answer :-

- Chain of customers [Option ID = 1673]

86) Who first classified fingerprints? [Question ID = 431]

1. Alec Jeffreys [Option ID = 1722]
2. Kary Banks Mullis [Option ID = 1723]
3. Francis Galton [Option ID = 1721]
4. Karl Landsteiner [Option ID = 1724]

Correct Answer :-

- Francis Galton [Option ID = 1721]

87) Which is not affected by temperature [Question ID = 480]

1. Normality [Option ID = 1920]

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2. Formality [Option ID = 1917]
3. Molality [Option ID = 1918]
4. Molarity [Option ID = 1919]

Correct Answer :-

- Formality [Option ID = 1917]

88) The percentage of plasma in Blood is [Question ID = 459]

1. 50% [Option ID = 1834]
2. 55% [Option ID = 1835]
3. 40% [Option ID = 1833]
4. 60% [Option ID = 1836]

Correct Answer :-

- 40% [Option ID = 1833]

89) The percentage of human DNA sequences are same in every person

[Question ID = 465]

1. 70% [Option ID = 1857]
2. 89% [Option ID = 1860]
3. 55% [Option ID = 1859]
4. 99.9% [Option ID = 1858]

Correct Answer :-

- 70% [Option ID = 1857]

90) The accelerants collected from arson sites are best analysed by

[Question ID = 445]

1. Gas chromatography-mass spectrometry [Option ID = 1780]
2. Ultraviolet spectroscopy [Option ID = 1778]
3. Infrared spectroscopy [Option ID = 1779]
4. Thin layer chromatography [Option ID = 1777]

Correct Answer :-

- Thin layer chromatography [Option ID = 1777]

91) The last detectable remnant of something left behind in forensic investigation is known as

[Question ID = 420]

1. Trivial [Option ID = 1679]
2. Trauma [Option ID = 1677]
3. Trail [Option ID = 1678]
4. Trace [Option ID = 1680]

Correct Answer :-

- Trauma [Option ID = 1677]

92) The chemical name of RDX is

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[Question ID = 443]

1. Cyclo-Trinitroperhydro-1,3,5-triazine [Option ID = 1771]
2. 2,4,6-Trinitrotoluene [Option ID = 1770]
3. Nitro glycerine [Option ID = 1769]
4. Lead azide [Option ID = 1772]

Correct Answer :-

- Nitro glycerine [Option ID = 1769]

93) The double-stranded template DNA is heated to produce single strands is known as

[Question ID = 422]

1. Annealing [Option ID = 1685]
2. Transcription [Option ID = 1686]
3. Extension [Option ID = 1687]
4. Denaturation [Option ID = 1688]

Correct Answer :-

- Annealing [Option ID = 1685]

94) The process of separation of substances by filtering their solution through a column of a finely powdered adsorbent then developing the column with suitable solvent is called

[Question ID = 461]

1. Neutron magnetic resonance [Option ID = 1844]
2. Spectroscopy [Option ID = 1843]
3. Chromatography [Option ID = 1842]
4. Microscopy [Option ID = 1841]

Correct Answer :-

- Microscopy [Option ID = 1841]

95) Micro- organism that is used for alcoholic fermentation

[Question ID = 477]

1. *Fusarium* [Option ID = 1905]
2. *Sacchromyces* [Option ID = 1906]
3. *Pseudomonas* [Option ID = 1908]
4. *Streptomyces* [Option ID = 1907]

Correct Answer :-

- *Fusarium* [Option ID = 1905]

96) Phenol-chloroform extraction methods is used for

[Question ID = 421]

1. Hand imprints extraction [Option ID = 1681]
2. DNA extraction [Option ID = 1682]
3. Saliva extraction [Option ID = 1684]
4. Haemoglobin extraction [Option ID = 1683]

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Correct Answer :-

- Hand imprints extraction [Option ID = 1681]

97) Human RBCs are [Question ID = 464]

1. Biconvex and non-nucleated [Option ID = 1854]
2. Biconcave and nucleated [Option ID = 1853]
3. Biconvex and nucleated [Option ID = 1856]
4. Biconcave and non-nucleated [Option ID = 1855]

Correct Answer :-

- Biconcave and nucleated [Option ID = 1853]

98) Temporary molars are replaced by permanent [Question ID = 500]

1. Molars [Option ID = 1997]
2. Premolars [Option ID = 1998]
3. Canines [Option ID = 1999]
4. Incisors [Option ID = 2000]

Correct Answer :-

- Molars [Option ID = 1997]

99) Sacrum is a part of

[Question ID = 424]

1. Cranium [Option ID = 1693]
2. Tibia [Option ID = 1696]
3. Thoracic region [Option ID = 1694]
4. Pelvic girdle [Option ID = 1695]

Correct Answer :-

- Cranium [Option ID = 1693]

100) Cheiloscopy is used to identify the person from [Question ID = 507]

1. Lip prints [Option ID = 2026]
2. Foot prints [Option ID = 2027]
3. Finger prints [Option ID = 2028]
4. Palate prints [Option ID = 2025]

Correct Answer :-

- Palate prints [Option ID = 2025]

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