

# FINAL ANSWER KEY

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Question1:-The theme of World Cancer Day 2019?

- A:-I am and I will
- B:-We can. I can
- C:-Not beyond us
- D:-Debunk the myths

Correct Answer:- Option-A

Question2:-Keezhariyur Bomb Case is associated with

- A:-Non Co-operation Movement
- B:-Khilafat Movement
- C:-Civil Disobedience Movement
- D:-Quit India Movement

Correct Answer:- Option-D

Question3:-Arrange the following in chronological order

- i. Vaikom Satyagraha
- ii. Paliyam Satyagraha
- iii. Shanar Agitation
- iv. Guruvayur Satyagraha

- A:-iii, iv, ii, i
- B:-iii, i, iv, ii
- C:-i, iv, ii, iii
- D:-i, iv, iii, ii

Correct Answer:- Option-B

Question4:-The Satellite 'Microsat-R' is meant for

- A:-Educational purpose
- B:-Communication purpose
- C:-Weather forecasting purpose
- D:-Military purpose

Correct Answer:- Option-D

Question5:-The Gandhi Sagar Dam is built in

- A:-Thungabhadra
- B:-Sutlej
- C:-Chambal
- D:-Beas

Correct Answer:- Option-C

Question6:-Who was the president of Indian National Congress at the time of Independence?

- A:-JB Kripalani
- B:-Jawaharlal Nehru
- C:-Vallabhai Patel
- D:-Pattabhi Sitaramayya

Correct Answer:- Option-A

Question7:-Jawahar Rozgar Yojana was launched in which of the following plan period?

- A:-Sixth plan
- B:-Fifth plan
- C:-Seventh plan
- D:-Fourth plan

Correct Answer:- Option-C

Question8:-In which city ISRO has inaugurated the Human Space Flight Centre (HSFC) for implementing Gaganyaan?

- A:-Chennai

- B:-Bengaluru
- C:-Mumbai
- D:-Sriharikota

Correct Answer:- Option-B

Question9:-Identify the rightly matched pair :

- A:-Pandit Karuppan - Perunna
- B:-Mannath Padmanabha Pillai - Panmana
- C:-Chattampi Swamikal - Cheranalloor
- D:-Ayyankali - Venganoor

Correct Answer:- Option-D

Question10:-Who won the AFC Asian Cup Football tournament 2019?

- A:-Australia
- B:-Qatar
- C:-Japan
- D:-India

Correct Answer:- Option-B

Question11:-The Kerala State Planning Board was established in

- A:-September 1967
- B:-September 1957
- C:-November 1956
- D:-November 1966

Correct Answer:- Option-A

Question12:-Neel Darpan is a play written by Dinabandhu Mitra. It deals with

- A:-The Farmers of Gujarat
- B:-The Mill Workers of Ahmednagar
- C:-The Artisans of Bengal
- D:-The Indigo farmers of Bihar

Correct Answer:- Option-D

Question13:-Which of the following state is not sharing boundary with Bhutan?

- A:-Uttar Pradesh
- B:-Arunachal Pradesh
- C:-Assam
- D:-Sikkim

Correct Answer:- Option-A

Question14:-The "Atmavidya Sangham" is associated with

- A:-Vaikunda Swamikal
- B:-Chattampi Swamikal
- C:-Vaghbhatananda
- D:-Ayyankali

Correct Answer:- Option-C

Question15:-The period of 'Annual Plans'

- A:-1978 - 1980
- B:-1966 - 1969
- C:-1985 - 1987
- D:-1990 - 1992

Correct Answer:- Option-D

Question16:-Who among the following is the only Malayali president of Indian National Congress?

- A:-Pattom A Thanupillai
- B:-C. Sankaran Nair
- C:-C. Kesavan
- D:-Muhammed Abdur Rahman Sahib

Correct Answer:- Option-B

Question17:-The book written by Sree Narayana Guru

- A:-Navamanjari
- B:-Prachina Malayalam
- C:-Abhinava Keralam
- D:-Atmavidya Kahalam

Correct Answer:- Option-A

Question18:-Which State Government announced the 'One family, One Job' scheme?

- A:-Gujarat
- B:-Bihar
- C:-Sikkim
- D:-Madhya Pradesh

Correct Answer:- Option-C

Question19:-Who is known as 'Frontier Gandhi'?

- A:-K. Kelappan
- B:-Khan Abdul Ghaffar Khan
- C:-I. K. Kumaran
- D:-Dadabhai Naoroji

Correct Answer:- Option-B

Question20:-The temple entry proclamation was issued on

- A:-12th January 1924
- B:-1st November 1931
- C:-12th November 1936
- D:-4th December 1947

Correct Answer:- Option-C

Question21:-Atavism is resemblance of child to

- A:-Father
- B:-Mother
- C:-Sibling
- D:-Grand parent

Correct Answer:- Option-D

Question22:-Wilful utterance of falsehood under oath is

- A:-Hostility
- B:-Perjury
- C:-Dichotomy
- D:-Adultery

Correct Answer:- Option-B

Question23:-Traumatic rupture of hymen is usually seen in the \_\_\_\_\_.

- A:-Antero lateral aspect
- B:-Postero lateral aspect
- C:-Centrally in the front aspect
- D:-Centrally in the back aspect

Correct Answer:- Option-B

Question24:-Catamite is \_\_\_\_\_

- A:-Female child victim of rape
- B:-Active agent in bestiality
- C:-Child, passive agent in sodomy
- D:-Child, active partner of sodomy

Correct Answer:- Option-C

Question25:-Fracture-a-la-signature is \_\_\_\_\_.

- A:-Pond fracture
- B:-Mosaic fracture
- C:-Depressed fracture
- D:-Gutter fracture

Correct Answer:- Option-C

Question26:-In occlusive coronary artery disease, the most common site of atheromatous narrowing of the coronary artery is \_\_\_\_\_.

- A:-Proximal portion of the left anterior descending artery
- B:-Proximal portion of the right coronary artery
- C:-Distal portion of right coronary artery
- D:-Circumflex coronary artery

Correct Answer:- Option-A

Question27:-The wound certificate is issued by

- A:-the doctor who first examines the patient
- B:-the superintendent of the hospital
- C:-casualty medical officer of the hospital
- D:-casualty medical officer of the referral hospital

Correct Answer:- Option-A

Question28:-Factors limiting bioterrorism defence efforts are \_\_\_\_\_.

- A:-Vulnerability
- B:-Capability
- C:-Antimicrobial resistance to antibiotics
- D:-Intent

Correct Answer:- Option-C

Question29:-Erection of penis is mediated by

- A:-Parosympathetic nerves
- B:-Vagus nerve
- C:-Sympathetic nerves
- D:-Lateral cutaneous nerve of thigh

Correct Answer:- Option-A

Question30:-Model Minnesota protocol includes the manual for \_\_\_\_\_.

- A:-Diagnosing brain death
- B:-Treatment of prisoners by physicians
- C:-Model autopsy protocol
- D:-Organ transplantation

Correct Answer:- Option-C

Question31:-A person while hanging himself from the branch of a tree, the branch breaks and the person dies of head injury, it is an example of \_\_\_\_\_.

- A:-Attempted suicide
- B:-Complex suicide
- C:-Complicated suicide
- D:-Pseudocide

Correct Answer:- Option-C

Question32:-Signs of recent vaginal delivery in living includes all except \_\_\_\_\_.

- A:-Braxton Hick's contractions
- B:-Colostrum corpuscles in milk
- C:-Uterine fundus at the level of umbilicus
- D:-A rounded external cervical os

Correct Answer:- Option-D

Question33:-Conduct money is the

- A:-fine paid by the doctor in negligence case
- B:-fee offered to a witness in a criminal court
- C:-is paid by the party who summon the doctor as a witness in the civil case
- D:-fee paid to the doctor along with a summons

Correct Answer:- Option-C

Question34:-True regarding recording of dying declaration is \_\_\_\_\_.

- A:-the doctor should certify that the person is in compos mentis
- B:-oath shall be administered prior to recording the statement
- C:-the person shall be cross examined by the accused
- D:-leading questions can be asked

Correct Answer:- Option-A

Question35:-Choose the false statement regarding Tokyo declaration against torture \_\_\_\_\_.

- A:-The doctor shall countenance or condone in practice of torture
- B:-The doctor shall not present during the cruel, inhumane or degrading procedures of torture
- C:-The doctor must have complete clinical independence in deciding upon the care of a person
- D:-The doctor shall not provide any premise, instrument, substance or knowledge to facilitate torture

Correct Answer:- Option-A

Question36:-Drug causing physical as well as psychological dependence is

- A:-Cocaine
- B:-Amphetamene
- C:-LSD
- D:-Barbiturates

Correct Answer:- Option-D

Question37:-While issuing death certificate

- A:-doctor can charge fee
- B:-doctor can refuse to give the certificate if fee is not given

C:-doctor should comply with the requirements of ICD 10th revision to write the certificate

D:-doctor can issue the certificate in poisoning cases

Correct Answer:- Option-C

Question38:-Brain stem reflexes include all except \_\_\_\_\_.

A:-Pupillary reflex

B:-Gag reflex

C:-Cremasteric reflex

D:-Cough reflex

Correct Answer:- Option-C

Question39:-Morphologic forms of reversible cell injury are all except \_\_\_\_\_.

A:-Hyaline change

B:-Mucoid change

C:-Autolytic change

D:-Fatty change

Correct Answer:- Option-C

Question40:-THOTA 1994 permits

A:-for the commercial dealing of human organs and tissues

B:-to remove any human organ for transplantation in the event of brain stem death from any body

C:-any person, man or woman can donate his organs for therapeutic purpose

D:-the person incharge of the hospital can authorise for the removal of organs from an unclaimed body, lying in the hospital for more than 48 hours

Correct Answer:- Option-D

Question41:-The CD markers in T cell are \_\_\_\_\_.

A:-CD 19

B:-CD 21

C:-`"CD\_3"``

D:-CD 23

Correct Answer:- Option-C

Question42:-The most numerous circulatory leucocyte is

A:-Basophils

B:-Eosinophils

C:-Neutrophils

D:-Lymphocytes

Correct Answer:- Option-C

Question43:-Hapten is a \_\_\_\_\_.

A:-Protein

B:-Non-protein

C:-Antigen

D:-Antibody

Correct Answer:- Option-B

Question44:-Injuries caused by an immersion blast affects mainly the \_\_\_\_\_.

A:-Stomach and intestines

B:-Lungs

C:-Heart

D:-Ear drum

Correct Answer:- Option-A

Question45:-Multiple rib fractures can cause a blood loss of

A:-250 to 500 ml

B:-500 to 1000 ml

C:-1000 to 2000 ml

D:-2000 to 3000 ml

Correct Answer:- Option-C

Question46:-Detection of gun shot residue is done by all except \_\_\_\_\_.

A:-Neutron activation analysis

B:-Dermal nitrate test

C:-FAAS

D:-`"P\_{300}"`` test

Correct Answer:- Option-D

Question47:-Dicing injuries caused on the driver in a front on collision will be on \_\_\_\_\_.

A:-the right side of face, forehead and right upper limb

B:-the left side of face, forehead and left upper limb

C:-anywhere on the body

D:-all of the above

Correct Answer:- Option-B

Question48:-Stature can be calculated by

A:-Gustafson's method

B:-Karl Pearson's method

C:-Boyde's method

D:-Stack's method

Correct Answer:- Option-B

Question49:-In salt water drowning the lungs will be \_\_\_\_\_.

A:-Crepitus

B:-Heavy

C:-Uniformly emphysematous

D:-Only little fluid can be squeezed out

Correct Answer:- Option-B

Question50:-Battered baby syndrome can be identified by all except

A:-Discrepancy between the nature of injury and the explanation offered by the parent

B:-Delay between the injury and seeking of medical help

C:-Repetition of injuries on different dates

D:-Penetrating injury on the abdomen

Correct Answer:- Option-D

Question51:-Fatal blood concentration of halothane is

A:-20 mg%

B:-40 mg%

C:-50 mg%

D:-180 mg%

Correct Answer:- Option-A

Question52:-All are delusions except

A:-Hypochondriacal

B:-Kleptomania

C:-Influence

D:-Infidelity

Correct Answer:- Option-B

Question53:-To identify spent bullet which microscope is used

A:-Light microscope

B:-Polarising microscope

C:-Comparison microscope

D:-Fluorescent microscope

Correct Answer:- Option-C

Question54:-'Return trip' is a term coined with use of

A:-Cannabis

B:-Opium

C:-LSD

D:-Marihuana

Correct Answer:- Option-C

Question55:-Homicidal smothering and traumatic asphyxia is

A:-Mugging

B:-Burking

C:-Gagging

D:-Garrotting

Correct Answer:- Option-B

Question56:-Poison used to kill Socrates is

A:-Ginsenin

B:-Hemlock

C:-Datura

D:-Heroin

Correct Answer:- Option-B

Question57:-Mechanism of causation of ring fracture \_\_\_\_\_.

- A:-Fall from height and landing on buttock
- B:-Fall from height and landing on heel
- C:-Fall from height and landing on vertex
- D:-All of the above

Correct Answer:- Option-D

Question58:-Crime described in section 325 of IPC can be tried by

- A:-Judicial First Class Magistrate
- B:-Chief Judicial Magistrate
- C:-Judge of Sub court
- D:-Sessions Judge

Correct Answer:- Option-B

Question59:-Agonal artifacts include all except

- A:-Regurgitation of stomach content
- B:-Inhaled vomit in the air passages
- C:-Gastromalacia
- D:-Pseudo-Hour glass appearance of stomach

Correct Answer:- Option-D

Question60:-Haemochromogen crystal test is known as \_\_\_\_\_.

- A:-Kastle-Meyer test
- B:-Takayama test
- C:-Teichmann's test
- D:-Luminal test

Correct Answer:- Option-B

Question61:-The fingerprint system was first used by

- A:-Sir Edmund Locard
- B:-Dr. Alec Jeffreys
- C:-Sir William Herschel
- D:-Sir Francis Galton

Correct Answer:- Option-C

Question62:-In spectroscopy reduced Hb shows

- A:-Two bands between D and E
- B:-A broad band between D and E
- C:-A sharp band between C and D and a broad band between D and E
- D:-A band between C and D

Correct Answer:- Option-B

Question63:-Vitamin that can be used in treatment for cyanide poisoning

- A:-Vitamin B<sub>1</sub>
- B:-Vitamin B<sub>6</sub>
- C:-Vitamin B<sub>3</sub>
- D:-Vitamin B<sub>12</sub>

Correct Answer:- Option-D

Question64:-Neurosis is a \_\_\_\_\_.

- A:-Major psychological disorder
- B:-Reaction to stressful circumstances
- C:-State where there is lack of empathy
- D:-State of absent insight

Correct Answer:- Option-B

Question65:-If the fatal dose of a poison is 5 to 50 mg/kg body weight, it is

- A:-Extremely toxic
- B:-Very toxic
- C:-Moderately toxic
- D:-Mildly toxic

Correct Answer:- Option-A

Question66:-Choose the correct statement - Rape is an offence which is

- A:-Non-cognizable
- B:-Bailable
- C:-Triable by chief Judicial Magistrate
- D:-Imprisonment may extend upto the remainder of that person's natural life

Correct Answer:- Option-D

Question67:-'Fragilitas ossium' is seen in persons \_\_\_\_\_.

- A:-having scurvy
- B:-having osteomalacia
- C:-workers of phosphorous industry
- D:-using steroids for a long time

Correct Answer:- Option-C

Question68:-Rupture of diaphragm usually occurs

- A:-near the central tendon on left side
- B:-near the attachments to the ribs
- C:-at the centre of the right dome
- D:-near the vertebral attachment

Correct Answer:- Option-A

Question69:-True regarding concussion of brain is/are \_\_\_\_\_.

- A:-Rotational injury caused by sudden acceleration
- B:-Head is not free to move with sufficient velocity
- C:-The mechanism is indirect violence on the vertex
- D:-If it is happening it is always necessarily fatal

Correct Answer:- Option-A

Question70:-Wound of entry and exit can be seen in all except \_\_\_\_\_.

- A:-Penetrating wound
- B:-Electrical injury
- C:-Lightning stroke injury
- D:-Gun shot wound

Correct Answer:- Option-A

Question71:-A bruise \_\_\_\_\_.

- A:-Occurs at the dependent parts of the body
- B:-Affects broad surface area
- C:-Shows swelling
- D:-Fragments of blood coagulants will be present within the vessels

Correct Answer:- Option-C

Question72:-ASA IV grade is \_\_\_\_\_.

- A:-a patient with non incapacitating systemic disease
- B:-a patient not expected to survive 24 hrs with or without operation
- C:-a patient with severe incapacitating systemic disease which is a constant threat to life
- D:-a patient with mild systemic disease

Correct Answer:- Option-C

Question73:-A pregnant woman dies from an act intended for miscarriage, the offender is liable to be punished with rigorous imprisonment which shall not be less than 10 years and also fine up to two lakh rupees is \_\_\_\_\_.

- A:-Section 312 of IPC
- B:-Section 313 of IPC
- C:-Section 314 of IPC
- D:-Section 315 of IPC

Correct Answer:- Option-C

Question74:-Teratozoospermia is

- A:-Sperm concentration fewer than  $20 \times 10^6/ml$
- B:-Fewer than 50% spermatozoa with forward progression
- C:-Fewer than 25% spermatozoa with category 'a' movement
- D:-Fewer than 30% spermatozoa with normal morphology

Correct Answer:- Option-D

Question75:-Stomach wash can be given in poisoning with

- A:-Sulphuric acid
- B:-Hydrochloric acid
- C:-Carbolic acid
- D:-Formic acid

Correct Answer:- Option-C

Question76:-Endrin is a

- A:-Organophosphate compound
- B:-Dinitrophenol compound



C:-Poly chlorinated hydrocarbon

D:-Carbamate compound

Correct Answer:- Option-C

Question77:-A donor graft is from a different species in \_\_\_\_\_.

A:-Isograft

B:-Allograft

C:-Xenograft

D:-Autograft

Correct Answer:- Option-C

Question78:-ICMR guidelines on surrogacy include \_\_\_\_\_.

A:-Adoption of the child is not necessary if the biological parents themselves receive the child

B:-Giving payment to the surrogate mother is highly unethical

C:-ART clinics are permitted to advertise regarding surrogacy to make the patient aware about the availability of such treatments

D:-A relative, a known person as well as an unknown person can act as a surrogate mother for the couple

Correct Answer:- Option-D

Question79:-Example of irreversible cell damage is \_\_\_\_\_.

A:-Brown atrophy of heart muscle

B:-Formation of councilman bodies in viral hepatitis

C:-Transfusional haemosiderosis in reticulo-endothelial cells

D:-Accumulation of haemozoin in macrophages

Correct Answer:- Option-B

Question80:-Example of type II hypersensitivity is \_\_\_\_\_.

A:-Hay fever

B:-Graves disease

C:-SLE

D:-Tuberculin reaction

Correct Answer:- Option-B

Question81:-Pattern I amyloidosis include

A:-Kidney

B:-Spleen

C:-Liver

D:-Tongue

Correct Answer:- Option-D

Question82:-Regarding examination of an expert witness all are true except

A:-he is capable of drawing opinions and conclusions

B:-his testimony is based on reasonable medical certainty

C:-his conclusions are much more important than his opinions

D:-it will establish the guilt or innocence of the accused

Correct Answer:- Option-D

Question83:-The consumer rights incorporated in the United Nations charter of Human Rights are all except

A:-Right to be informed

B:-Right to a healthy environment

C:-Right to get legal help

D:-Right to be heard

Correct Answer:- Option-C

Question84:-Direct examination is done to \_\_\_\_\_.

A:-elicit the principal facts concerning the case

B:-elicit the favourable facts

C:-remove an undue emphasis given to a fact

D:-discredit the witness

Correct Answer:- Option-A

Question85:-Section 191 of IPC gives the definition of \_\_\_\_\_.

A:-Witness

B:-Common witness

C:-Expert witness

D:-Hostile witness

Correct Answer:- Option-D

Question86:-The donated semen should be cryo-preserved and used only after six months, to \_\_\_\_\_.

- A:-Conceal the identity of the donor
  - B:-Increase potency of the sample
  - C:-Prevent the possible risk of Rh incompatibility
  - D:-Eliminate the potential risk of HIV transmission
- Correct Answer:- Option-D

Question87:-Section 327(2) of IPC is \_\_\_\_\_.

- A:-Inquiry into and trial of sexual assault shall be conducted in camera
  - B:-first aid or medical treatment shall be provided free of cost to the victims of vitriolage and sexual assault
  - C:-Prevents following and contacting a woman, against her interest, through internet
  - D:-Assault or use of criminal force to woman with intent to outrage her modesty
- Correct Answer:- Option-A

Question88:-Ph of semen is

- A:-6.2 to 7.2
- B:-6.5 to 7.5
- C:-7.2 to 8.0
- D:-7.5 to 8.5

Correct Answer:- Option-C

Question89:-A respired lung will be \_\_\_\_\_.

- A:-Reddish brown in colour
- B:-With sharp margins
- C:-Having 1/70th of body weight
- D:-Float in water

Correct Answer:- Option-D

Question90:-Find out the odd man in the following

- A:-Section 498-A of the IPC
- B:-Section 113 A of IEA
- C:-Section 304 A of IPC
- D:-Section 174(3) of CrPC

Correct Answer:- Option-C

Question91:-The lowest deep body temperature tolerated by a person is

- A:-19°C
- B:-9°C
- C:-9°C
- D:-19°C

Correct Answer:- Option-B

Question92:-Test of choice to detect blood alcohol concentration for medico legal purpose is \_\_\_\_\_.

- A:-Cavett test
- B:-Kastle-Mayer test
- C:-Kozelka and Hine test
- D:-Gas Chromatography

Correct Answer:- Option-D

Question93:-'If the law has made you witness, remain a man of science, you have no victim to avenge, no guilty person to convict, and no innocent person to save' - is a famous statement by \_\_\_\_\_.

- A:-Paulus Zacchias
- B:-Orfila
- C:-Brouardel
- D:-William Osler

Correct Answer:- Option-C

Question94:-The first permanent tooth to erupt is

- A:-Central incisor
- B:-Lateral incisor
- C:-First-Molar
- D:-Canine

Correct Answer:- Option-C

Question95:-Necrosis of proximal convoluted tubule is caused by

- A:-Oxalic acid
- B:-Carbolic acid
- C:-Nitric acid
- D:-Hydrochloric acid

Correct Answer:- Option-A

Question96:-Following is not a route of HIV transmission

- A:-men having sex with men
- B:-men having sex with women
- C:-during delivery
- D:-insect bite

Correct Answer:- Option-D

Question97:-A nulliparous uterus have

- A:-rounded cavity
- B:-well defined internal os
- C:-top of fundus at above the line of broad ligament
- D:-body twice the length of cervix

Correct Answer:- Option-B

Question98:-Oxytocin is an

- A:-irritant of genito urinary tract
- B:-irritant of gastro intestinal tract
- C:-emmenagogue
- D:-ecbolic

Correct Answer:- Option-D

Question99:-Declaration of oslo (1970) is a resolution on

- A:-Criminal abortion
- B:-Therapeutic abortion
- C:-Natural abortion
- D:-Accidental abortion

Correct Answer:- Option-B

Question100:-Marsh test is used to detect

- A:-Copper
- B:-Lead
- C:-Arsenic
- D:-Iron

Correct Answer:- Option-C