

1. Who made the following statement in the Constituent Assembly during the Assembly Debates ? “The first task of this Assembly is to free India through a new Constitution, to feed the starving people, and to clothe the naked masses, and to give every Indian the fullest opportunity to develop himself according to his capacity.”

- (a) Dr. B.R. Ambedkar
- (b) Dr. Rajendra Prasad
- (c) K.T. Shah
- (d) Jawaharlal Nehru

Correct Choice: **(d)**

Solution:

Jawaharlal Nehru introduced an objective resolution on December 13, 1947 and it was adopted by Constituent assembly on 22 January 1947.

2. On __ Dr. Rajendra Prasad was elected as the permanent Chairman of the Constituent Assembly ?

- (a) Dec 3, 1946
- (b) Dec 5, 1946
- (c) Aug 9, 1946
- (d) Dec 11, 1946

Correct Choice: **(d)**

Solution:

Dr. Sachchidananda Sinha was the first chairman (temporary) of Constituent Assembly. Later Dr. Rajendra Prasad was elected as the president and Its vice-president was Harendra Coomar Mookerjee.

3. Which article of the Indian Constitution abolishes “Untouchability”

- (a) Art-21
- (b) Art-16
- (c) Art-17
- (d) Art-19

Correct Choice: **(c)**

Solution:

It is included in Part III of the Constitution which deals with Fundamental Rights. This article provided rights to Scheduled Caste and Scheduled Tribes to protect their social justice.

4. The 73rd and 74th Amendments to the Indian Constitution were related with __.

- (a) Creation of Local Government Institutions
- (b) Judicial Review
- (c) Unprecedented powers to the Parliament
- (d) President’s rule in the states

Correct Choice: **(a)**

Solution:

Narasimha Rao was the Prime Minister of India when the 73rd and 74th Amendments of the Constitution were passed.

5. Name the programme launched by the Department of Women and Child Development, MHRD in 1988 to boost up women's health, education and political participation.

- (a) National Policy for Empowerment of Women
- (b) National Perspective Plan for Women
- (c) Swa-Shakti
- (d) Swayamsiddha

Correct Choice: **(b)**

Solution:

Swayamsiddha is one scheme for empowering the Indian women both socially and economically to enable them live with dignity and self-reliance.

6. Which British missionary established an English school at Mattancheri with the financial assistance from Cochin Government in the year 1818 ?

- (a) Edward Brennen
- (b) Bailey
- (c) J. Dawson
- (d) Joseph Fenn

Correct Choice: **(c)**

7. Which social reformer of Kerala authored a book titled "Pracheena Malayalam" ?

- (a) Sree Narayana Guru
- (b) Agamananda
- (c) Vagbhatananda
- (d) Chattampi Swamikal

Correct Choice: **(d)**

Solution:

Pracheena Malayalam is the largest book written by Chattampi Swami. It deals with the history of Kerala.

8. "Awake, remember the Lord Almighty, Get up at once and fight injustice". Which social reform organization of 20th century Kerala put forth the above slogan ?

- (a) Yogakshema Sabha
- (b) Atmavidya Sangham
- (c) PRDS
- (d) Sahodara Prasthanam

Correct Choice: **(b)**

Solution:

Vagbhatananda (1885 – October 1939) was a social reformer and he was the founder of the Atmavidya Sangham, Prathyaksha Raksha Daiva Sabha (PRDS) is a religious protest movement founded in 1909 by Poykayil Sreekumara Gurudevan

9. Who among the following literary figure of 19th century Kerala wrote a drama titled Ebraikutty ?

- (a) Kerala Varma Valiya Koyil Tampuran
- (b) M.C. Joseph
- (c) George Varghese
- (d) Kandathil Varghese Mappila

Correct Choice: **(d)**

Solution:

Kandathil Varghese Mappillai (1857-1904[1]) was the founder of the newspaper Malayala Manorama and the magazine Bhashaposhini.

10. ___ is considered as the “father of political movements in modern Thiruvithamkur”.

- (a) T K Madhavan
- (b) G P Pillai
- (c) Dr.Palpu
- (d) C Krishnan

Correct Choice: **(b)**

Solution:

G. Parameswaran Pillai also known as "GP", was the Chief Secretary and Officiating Dewan of the erstwhile Travancore kingdom in pre-Independent India. He started his career as a lawyer, and later became Judge of the Court of Travancore, before joining the administration. The Maharaja of Travancore eventually conferred on him the title of Rajyasevapraveena.

11. In which year A.V. Kuttimalu Amma was elected to the Madras Legislative Assembly for the first time ?

- (a) 1937
- (b) 1940
- (c) 1941
- (d) 1943

Correct Choice: **(a)**

Solution:

A.V. Kuttimalu Amma (1905-1985) began her public life as an active Khadi and Swadeshi worker in 1930.

12. Vivekodayam : SNDP Yogam, Unni Nambutiri : ___.

- (a) Yogakshema Sabha
- (b) Samatwa Samajam
- (c) Sahodar Prasthanam
- (d) PRDS

Correct Choice: (a)

Solution:

V T Bhattathiripadu was the founder of Yogakshema Sabha .Also he was the first president of Yogakshema Sabha .

13. Who among the following women social reformer and activist of 20th century Kerala actively participated in the Paliyam Satyagraha of 1947 ?

- (a) Akkamma Cheriyan
- (b) Anna Chandi
- (c) Kamalambal
- (d) Arya Pallam

Correct Choice: (d)

Solution:

Arya Pallam is a leader, communist, feminist from Kerala who fought against oppression of upper class (Brahman) women. Arya along with Kanjoor Gauri Antherjanam, Kanjoor Kali Antherjanam participated in Yachanayatra (hunger march) lead by V.T.Bhattathirippad which motivated Brahmin women to boycott their veil (Ghosha).

14. Match the following with the help of the CODES given below : (a) Katora Kutaram (i) C. Krishnan (b) Deepika (ii) Vagbhatananda (c) Abhinava Keralam (iii) Vakkom Maulavi (d) Mithavadi (iv) Makhti Thangal

- (a) (a-i) (b-ii) (c-iii) (d-iv)
- (b) (a-ii) (b-i) (c-iv) (d-iii)
- (c) (a-iv)(b-iii)(c-ii) (d-i)
- (d) (a-iii)(b-iv)(c-i) (d-ii)

Correct Choice: (c)

Solution:

Deepika, a Malayalam language newspaper, is one of the oldest newspapers published in India. Started in 1887, it is the oldest Malayalam newspaper now in circulation.

15. Chronologically arrange the following events of Kerala history and select the answer using the CODES given below : (1) Ezhava Memorial (2) Malayalee Memorial (3) Nivarthana Agitation (4) Kallumala Samaram

- (a) (1) (3) (2) (4)
- (b) (4) (2) (3) (1)
- (c) (2) (1) (4) (3)
- (d) (3) (4) (1) (2)

Correct Choice: (c)

Solution:

Malayalee Memorial - 1891 Ezhava Memorial - 1896 Kallumala Samaram - 1915 Nivarthana Agitation - 1938

16. Name the intercontinental ballistic missile successfully launched by North Korea on 4th July 2017 that added a new dimension to the crisis between USA and North Korea :

- (a) Hwasong - 14
- (b) Pugkusoong - 2
- (c) Taepodong - 1
- (d) Kumsong - 3

Correct Choice: (a)

Solution:

The Hwasong-14 also known under alternative US designation codename KN-20, is a mobile intercontinental ballistic missile developed by North Korea. It had its maiden flight on 4 July 2017, which coincided with the United States' Independence Day. North Korea is the only known operator of this missile.

17. Which poet and lyricist of Kerala has been chosen for the Mahakavi P. Kunhiraman Nair Poetry Award for the year 2017 ?

- (a) B.K. Harinarayanan
- (b) Kaithapram Damodaran Namboothiri
- (c) Rafeeq Ahamed
- (d) P.M. Harinarayanan

Correct Choice: (c)

Solution:

He has won the Kerala Sahitya Accademy Award for Poetry and is a five-time winner of the Kerala State Film Award for Best Lyrics. He is regarded as the most successful and critically acclaimed lyricist of contemporary Malayalam Cinema.

18. Expand LPSC.

- (a) Liquefied Petroleum Supply Chain
- (b) Liquefied Petroleum Systems Centre
- (c) Liquid Propulsion Service Centre
- (d) Liquid Propulsion Systems Centre

Correct Choice: (d)

Solution:

The Liquid Propulsion Systems Centre is a research and development centre functioning under Indian Space Research Organisation. It has two units located at Valiamala, in Thiruvananthapuram of Kerala, and Bengaluru of Karnataka.

19. Libreville is the capital city of ___.

- (a) Madagascar
- (b) Gabonese Republic
- (c) Gambia
- (d) Republic of Mali

Correct Choice: (b)

Solution:

Libreville is the capital and largest city of Gabon, in western central Africa. The city is a port on the Komo River, near the Gulf of Guinea, and a trade center for a timber region.

20. Who is the winner of Wimbledon Grand Slam Tennis Tournament (Women's Singles) for the year 2017 ?

- (a) Garbine Muguruza
- (b) Venus Williams
- (c) Simona Halep
- (d) Victoria Azarenka

Correct Choice: (a)

Solution:

Garbiñe Muguruza was the winner of the Ladies' Singles in 2017. It was her second Grand Slam Women's Singles title and her first title at Wimbledon after previously having reached the final in 2015.

21. Which compound is known as inorganic benzene ?

- (a) borax
- (b) diborane
- (c) borazine
- (d) boric acid

Correct Choice: (c)

Solution:

The compound is isoelectronic and isostructural with benzene. Like benzene, borazine is a colourless liquid. For this reason borazine is sometimes referred to as "inorganic benzene".

22. The designation of an orbital with $n=4$ and $l=2$ is :

- (a) 4d
- (b) 4s
- (c) 4p
- (d) 4f

Correct Choice: (a)

Solution:

Each shell is subdivided into subshells, which are made up of orbitals, each of which has electrons with different angular momentum. Each orbital in a subshell has a characteristic shape, and is named by a letter. They are: s, p, d, and f. In a one-electron atom (e.g. H, He⁺, Li⁺², etc.) the energy of each orbital within a particular shell is identical.

23. The element with highest electronegativity is :

- (a) Chlorine
- (b) Bromine
- (c) Helium
- (d) Fluorine

Correct Choice: **(d)**

Solution:

Electronegativity refers to the ability of an atom to attract shared electrons in a covalent bond. The higher the value of the electronegativity, the more strongly that element attracts the shared electrons.

Electronegativity increases from bottom to top in groups, and increases from left to right across periods. Thus, fluorine is the most electronegative element and lithium is the least.

24. Which of the following is not an antibiotic ?

- (a) Tetracycline
- (b) Ranitidine
- (c) Ofloxacin
- (d) Penicillin

Correct Choice: **(b)**

Solution:

It is commonly used in treatment of peptic ulcer disease, gastroesophageal reflux disease, and Zollinger–Ellison syndrome

25. Rosenmund's reduction of an acid chloride gives :

- (a) An ester
- (b) An alcohol
- (c) An aldehyde
- (d) A hydrocarbon

Correct Choice: **(c)**

Solution:

An aldehyde or alkanal is an organic compound containing a functional group with the structure -CHO , consisting of a carbonyl center (a carbon double-bonded to oxygen) with the carbon atom also bonded to hydrogen and to an R group

26. The energy gap between the valence band and conduction band for a material is above 6 eV. The material is ___.

- (a) Super conductor
- (b) An insulator
- (c) A dopped semiconductor
- (d) A conductor

Correct Choice: **(b)**

Solution:

A perfect insulator does not exist, because even insulators contain small numbers of mobile charges (charge carriers) which can carry current.

27. Radius of first orbit of hydrogen atom is 0.53 \AA . So the radius of the second orbit will be ___.

- (a) 2.12 \AA

(b)

(b) 4.77 Å

(c) 1.06 Å

(d) 0.27 Å

Correct Choice: **(a)**

Solution:

The Bohr radius, symbolized a_0 , is the mean radius of the orbit of an electron around the nucleus of a hydrogen atom at its ground state (lowest-energy level). The value of this radius is a physical constant; a_0 is approximately equal to 5.29177×10^{-11} meter (m). This is 5.29177×10^{-9} centimeter (cm) or 0.0529177 nanometer (nm). This is a span equivalent to about 1/10,000 of the wavelength of a ray of blue visible light.

28. The work done in moving a charge 'q' on an equipotential surface is ___.

(a) Infinity

(b) 0

(c) $q/2$

(d) $2q$

Correct Choice: **(b)**

Solution:

When a charge is moved from one point to another along some equipotential surface, it is true that the work done on the charge by the electric field is zero. Additional work done on the particle over this path depends on how the particle is moved.

29. When light of suitable frequency falls on certain metal surfaces, electrons are emitted from it. This phenomenon is known as ___.

(a) Meissner effect

(b) Zeeman effect

(c) Total internal reflection

(d) Photoelectric effect

Correct Choice: **(d)**

Solution:

The photoelectric effect was discovered by the German physicist Heinrich Rudolf Hertz. The Meissner effect is the expulsion of a magnetic field from a superconductor during its transition to the superconducting state.

30. The core of the transformer is laminated to ___.

(a) Increase the magnetic flux linked with it

(b) Increase the flux leakage

(c) Reduce the power loss due to eddy current

(d) Reduce the hysteresis loss

Correct Choice: (c)

Solution:

A transformer is a static electrical device that transfers electrical energy between two or more circuits through electromagnetic induction. The core is laminated to reduce these to a minimum as they interfere with the efficient transfer of energy from the primary coil to the secondary one.

31. Haemoglobin has maximum affinity for :

- (a) CO
- (b) CO_2
- (c) O_2
- (d) NH_3

Correct Choice: (a)

Solution:

For hemoglobin in humans, carbon dioxide has a lower affinity than oxygen, which allows gas exchange to occur in our lungs.

32. Heart beat is initiated by :

- (a) AV - Node
- (b) Purkinjee Fibres
- (c) SA - Node
- (d) Bundle of His

Correct Choice: (c)

Solution:

The electrical activity spreads through the walls of the atria and causes them to contract. This forces blood into the ventricles. The SA node sets the rate and rhythm of heartbeat.

33. Neurotransmitter between neuron and muscle cell is :

- (a) Serotonine
- (b) Acetylcholine
- (c) Dopamine
- (d) Endorphin

Correct Choice: (b)

Solution:

Acetylcholine is released by motor neurons at synapses with muscle cells, often called neuromuscular junctions. Like other neurotransmitters, acetylcholine is synthesized in the cytosol of the presynaptic axon terminal and stored in synaptic vesicles.

34. The Rods and Cones of the eye retinal layer are modified :

- (a) Unipolar neurons
- (b) Multi polar neurons
- (c) Bipolar neurons

(d) None

Correct Choice: (c)

Solution:

A bipolar neuron or bipolar cell, is a type of neuron which has two extensions. Bipolar cells are specialized sensory neurons for the transmission of special senses. As such, they are part of the sensory pathways for smell, sight, taste, hearing and vestibular functions.

35. Malpighian body is constituted by :

- (a) Glommarulus only
- (b) Glomerulus and efferent-vessel
- (c) Glomerulus and afferent vessel
- (d) Glomerulus and Bowman's capsule

Correct Choice: (d)

Solution:

Bowman's capsule is a cup-like sack at the beginning of the tubular component of a nephron in the mammalian kidney that performs the first step in the filtration of blood to form urine. A glomerulus is enclosed in the sac.

36. Biological product, alpha-1 - antitrypsin is used for the treatment of which of the following diseases :

- (a) Cancer
- (b) Emphysema
- (c) Cystic fibrosis
- (d) Phenyl Ketone Urea

Correct Choice: (b)

Solution:

Alpha-1 - antitrypsin is a 52-kDa serpin and, in medicine, it is considered the most prominent serpin; the terms $\alpha 1$ -antitrypsin and protease inhibitor (Pi) are often used interchangeably.

37. The scientific name of 'Aswgandha' is :

- (a) *Withania somnifera*
- (b) *Asparagus racemosus*
- (c) *Woodfordia fruticosa*
- (d) *Adhatoda vasica*

Correct Choice: (a)

Solution:

Asparagus racemosus - Shatavari *Woodfordia fruticosa* is a species of plant in the Lythraceae family.

38. Centre for Cellular & Molecular Biology is located in which city ?

- (a) Bangalore
- (b) Chennai

- (c) Indore
 - (d) Hyderabad
- Correct Choice: **(d)**

Solution:

The Centre for Cellular and Molecular Biology is an Indian biotechnology research establishment located in Hyderabad that operates under the aegis of the Council of Scientific and Industrial Research.

39. The technique of Polymerase Chain Reaction was developed by :

- (a) Maxam and Gilbert
- (b) Sanger
- (c) Francis Crick
- (d) Kary Mullis

Correct Choice: **(d)**

Solution:

Maxam–Gilbert sequencing is a method of DNA sequencing developed by Allan Maxam and Walter Gilbert.

40. Which among the following artificial insemination technology is used for the improvement of cattle population ?

- (a) ICSI
- (b) GIFT
- (c) MOET
- (d) ZIFT

Correct Choice: **(c)**

Solution:

Artificial insemination is the technique in which semen with living sperms is collected from the male and introduced into female reproductive tract at proper time with the help of instruments.

41. Which of the following is not a part of portal vein ?

- (a) Splenic vein
- (b) Hepatic vein
- (c) Gastric vein
- (d) Cystic vein

Correct Choice: **(b)**

Solution:

The splenic vein (formerly the lienal vein) is a blood vessel that drains blood from the spleen, the stomach fundus and part of the pancreas.

42. A form of self-evaluation that help nurse judge personal performance and make judgment about standards of practice :

- (a) Repression
- (b) Recollection

(c) Regression

(d) Reflection

Correct Choice: **(d)**

Solution:

Repression is the psychological attempt to direct one's own desires and impulses toward pleasurable instincts by excluding them from one's consciousness and holding or subduing them in the unconscious.

43. The point at which the chlorine demand of water is fully met is called :

(a) Disinfection point

(b) Break point

(c) Saturation point

(d) Free point

Correct Choice: **(b)**

Solution:

Disinfectants are antimicrobial agents that are applied to the surface of non-living objects to destroy microorganisms that are living on the objects.

44. The conflict carried by individuals not for themselves but for an ideal :

(a) Positive conflict

(b) Direct conflict

(c) Indirect conflict

(d) Class conflict

Correct Choice: **(a)**

Solution:

Class conflict, frequently referred to as class warfare or class struggle, is the tension or antagonism which exists in society due to competing socioeconomic interests and desires between people of different classes.

45. Mosquito which breed in dirty and polluted water :

(a) Anopheles

(b) Culex

(c) Aedes

(d) Mansonoides

Correct Choice: **(b)**

Solution:

Malaria is transmitted from man to man by the female anopheles mosquito, one of the most capable vectors of human disease.

46. National program of nutritional support to primary education is also known as :

(a) Special nutrition program

(b) Mid day meal scheme

(c) Mid day meal program

(d) Balawadi nutrition program

Correct Choice: **(b)**

Solution:

Balwadi Nutrition Programme is a healthcare and education programme launched by the Government of India to provide food supplements at Balwadis to children of the age group 3–6 years in rural areas. This program was started in 1970 under the Department of Social Welfare, Government of India.

47. Epidemiological triad excludes :

- (a) Host
- (b) Agent
- (c) Environment
- (d) Health

Correct Choice: **(d)**

Solution:

Epidemiological triad consists of an external agent, a host and an environment in which host and agent are brought together, causing the disease to occur in the host. A vector, an organism which transmits infection by conveying the pathogen from one host to another without causing disease itself, may be part of the infectious process.

A classic example of a vector is the Anopheles mosquito. As the mosquito ingests blood from an infected host, it picks up the parasite plasmodium.

48. Injection of diphtheria antitoxin gives :

- (a) Active immunity
- (b) Passive immunity
- (c) Natural immunity
- (d) Cellular immunity

Correct Choice: **(b)**

Solution:

An active immunity is a resistance to disease through the creation of antibodies by the immune system. As opposed to passive immunity, where antibodies are injected into an organism, active immunity requires a process of training immune cells to recognize and counteract foreign bodies.

49. The storage temperature of BCG vaccine :

- (a) 2–80C
- (b) 8–100C
- (c) 10–120C
- (d) 6–110C

Correct Choice: **(a)**

Solution:

BCG, measles, MMR and yellow fever vaccines, may also be kept in this temperature range (-15C and -25C) if there is sufficient space in the cold chain.

50. A strategy for effective communication where the interviewer validate information from the client without changing the meaning of statement :

- (a) Clarifying
- (b) Summarizing
- (c) Paraphrasing
- (d) Focusing

Correct Choice: (c)

Solution:

Whenever you paraphrase, remember these two points:

You must provide a reference. The paraphrase must be in your own words. You must do more than merely substitute phrases here and there. You must also create your own sentence structures.

51. Volume of blood pumped by the heart during 1 minute in a normal healthy adult :

- (a) 1000 ml/min
- (b) 1500 ml/min
- (c) 2000 ml/min
- (d) 5000 ml/min

Correct Choice: (d)

Solution:

The heart of a healthy man beats normally per minute - 70- 80 times

52. Formula used for converting Celsius scale of temperature to Fahrenheit scale :

- (a) $(9/5) \times C + 32$
- (b) $(5/9) \times C + 32$
- (c) $(9 \times 5/32) - C$
- (d) $(5/9) \times C - 32$

Correct Choice: (a)

Solution:

The temperature which show same in Celsius scale and Fahrenheit scale - -40

53. A physician order, means medication to be given only once at a specified time :

- (a) Stat order
- (b) Prn order
- (c) Single order
- (d) Standing order

Correct Choice: (c)

Solution:

A medication order is written directions provided by a prescribing practitioner for a specific medication to be administered to an individual.

54. The site preferred for giving I/M injection for adults and anyone over 7 months old :

- (a) Vastus lateralis
- (b) Deltoid
- (c) Dorso gluteal
- (d) Ventro gluteal

Correct Choice: **(d)**

Solution:

The vastus medialis is a muscle present in the anterior compartment of thigh, and is one of the four muscles that make up the quadriceps muscle. The others are the vastus lateralis, vastus intermedius and rectus femoris.

55. Rising ICP (intra cranial pressure) is accompanied by :

- (a) Tachycardia and Hypotension
- (b) Bradycardia and Hypotension
- (c) Bradycardia and Hypertension
- (d) Tachycardia and Hypertension

Correct Choice: **(c)**

Solution:

Intracranial pressure (ICP) is the pressure inside the skull and thus in the brain tissue and cerebrospinal fluid (CSF).

56. A process of redirecting the energy produced by unacceptable desires or activities so that they become acceptable :

- (a) Reaction formation
- (b) Projection
- (c) Identification
- (d) Sublimation

Correct Choice: **(d)**

Solution:

Reaction formation the tendency of a repressed wish or feeling to be expressed at a conscious level in a contrasting form.

57. The suitable method to handle an overactive aggressive patient is :

- (a) Accepting criticism and verbal attacks without punishment
- (b) Firing the person and applying restraints
- (c) Avoiding the person and neglect him for a while
- (d) Try to cheer up the person and give praise and encouragement

Correct Choice: **(a)**

Solution:

If difficult patients are not managed properly, it can make it increasingly difficult to communicate with a patient's friends and family about the patient's actual care needs as well.

58. Recommended protein requirement of an Indian adult :

- (a) 1g/kg body Wt
- (b) 0.1g/kg body Wt
- (c) 2g/kg body Wt
- (d) 1.5g/kg body Wt

Correct Choice: (a)

Solution:

Proteins from diet are important because they provide amino acids for the Synthesis of body proteins in children when they are growing In adults for synthesis of new proteins to replace those being broken down In pregnant women for the requirement of the foetus and placenta For nursing mothers for synthesis of proteins in breast milk

59. Malnutrition comprises of following form except :

- (a) Under nutrition
- (b) Over nutrition
- (c) Imbalance
- (d) Micro nutrition

Correct Choice: (d)

Solution:

Malnutrition occurs when the body doesn't get enough nutrients. Causes include a poor diet, digestive conditions or another disease. Symptoms are fatigue, dizziness and weight loss. Untreated malnutrition can cause physical or mental disability.

60. The ratio for giving external chest compression and breathing in CPR :

- (a) 30 : 2
- (b) 15 : 2
- (c) 30 : 4
- (d) 15 : 4

Correct Choice: (a)

Solution:

Cardiopulmonary resuscitation (CPR) is an emergency procedure that combines chest compressions often with artificial ventilation in an effort to manually preserve intact brain function until further measures are taken to restore spontaneous blood circulation and breathing in a person who is in cardiac arrest.

61. First aid for strong acid and alkali poisoning :

- (a) Gastric lavage
- (b) Tickling back of pharynx by finger
- (c) Swallowing concentrated salt solution
- (d) Do not induce vomiting

Correct Choice: **(d)**

Solution:

Gastric lavage, also commonly called stomach pumping or gastric irrigation, is the process of cleaning out the contents of the stomach. It has been used for over 200 years as a means of eliminating poisons from the stomach.

62. Approximate weight of the placenta at term :

- (a) $1/4$ th of baby's wt
- (b) $1/6$ th of baby's wt
- (c) $1/7$ th of baby's wt
- (d) $1/3$ th of baby's wt

Correct Choice: **(b)**

Solution:

The ratio between placenta weight and birth weight of the newborn is 1:6.

63. The part of fetal circulation which becomes fossa ovalis after birth :

- (a) Umbilical arteries
- (b) Ductus arteriosus
- (c) Foramen ovale
- (d) Umbilical vein

Correct Choice: **(c)**

Solution:

The umbilical arteries supply deoxygenated blood from the fetus to the placenta. The umbilical vein is a vein present during fetal development that carries oxygenated blood from the placenta into the growing fetus.

64. Which of the following condition of a pregnant women needs immediate attention ?

- (a) Epigastric pain
- (b) Pain radiating to back
- (c) Cramps
- (d) Heart burn

Correct Choice: **(a)**

Solution:

Heartburn is a painful burning feeling in your chest or throat. It happens when stomach acid backs up into your esophagus, the tube that carries food from your mouth to your stomach.

65. Which among these is a sign/symptom of impending labour ?

- (a) Lightening
- (b) Quickening
- (c) Braxton hicks contraction
- (d) Tightening

Correct Choice: **(a)**

Solution:

Braxton Hicks contractions, also known as practice contractions, are sporadic uterine contractions that sometimes start around six weeks into a pregnancy. However, they are not usually felt until the second trimester or third trimester of pregnancy.

66. Drug of choice for the management of eclampsia :

- (a) Diazepam
- (b) Epsolin
- (c) Magnesium sulphate
- (d) Labetalol

Correct Choice: **(c)**

Solution:

Labetalol is used to treat high blood pressure. Labetalol is in a class of medications called beta blockers.

67. A nurse in a labour room should do this measure to prevent prolonged labour to a patient :

- (a) Be with the patient
- (b) Maintaining partograph
- (c) Giving oxytocin
- (d) Assessing maternal and fetal vital signs

Correct Choice: **(b)**

Solution:

Prolonged labor, also known as failure to progress, occurs when labor lasts for approximately 20 hours or more if you are a first-time mother, and 14 hours or more if you have previously given birth. A prolonged latent phase happens during the first stage of labor.

68. Technique used by a midwife in 2nd stage of labour to facilitate delivery over an intact perineum :

- (a) Ironing out
- (b) Bearing down effort
- (c) Fundal pressure
- (d) Episiotomy

Correct Choice: **(a)**

Solution:

Episiotomy is usually performed during second stage of labor to quickly enlarge the opening for the baby to pass through.

69. The measure which is done to manage shoulder dystocia :

- (a) Burns Marshall Manoeuvre
- (b) Lovset Manoeuvre

- (c) Mauriceau-Smellie-Viet Manoeuvre
- (d) Mac Robert's Manoeuvre

Correct Choice: **(d)**

Solution:

Shoulder dystocia is an obstetric emergency. Initial efforts to release a shoulder typically include: with a woman on her back pushing the legs outward and upward, pushing on the abdomen above the pubic bone, and making a cut in the vagina.

70. The most heat sensitive vaccine which should be stored at -20°C :

- (a) DPT vaccine
- (b) Hepatitis vaccine
- (c) Polio vaccine
- (d) Measles vaccine

Correct Choice: **(c)**

Solution:

Polio vaccines are vaccines used to prevent poliomyelitis (polio). Two types are used: an inactivated poliovirus given by injection (IPV) and a weakened poliovirus given by mouth (OPV). ... Oral polio vaccines cause about three cases of vaccine-associated paralytic poliomyelitis per million doses given.

71. The calories provided by 100 ml of breast milk to an infant :

- (a) 66
- (b) 42
- (c) 85
- (d) 73

Correct Choice: **(a)**

Solution:

Each 100 mL of breast milk (produced within this time frame) yields approximately: 65 calories, 6.7 g carbohydrates (primarily lactose), 3.8 g fat, 1.3 g protein.

72. Apgar scoring done at which time period has more predictive value of neonatal well being ?

- (a) *1stmin*
- (b) *10thmin*
- (c) *5thmin*
- (d) *15thmin*

Correct Choice: **(c)**

Solution:

Apgar stands for "Appearance, Pulse, Grimace, Activity, and Respiration." In the test, five things are used to check a baby's health.

73. Damage of 7th or 8th cervical or thoracic nerve roots leads to :

- (a) Facial palsy
- (b) Erb's palsy
- (c) Klumpke's palsy
- (d) Bells palsy

Correct Choice: (c)

Solution:

A facial palsy is weakness or paralysis of the muscles of the face. Bell's palsy is a condition that causes a temporary weakness or paralysis of the muscles in the face

74. Kangaroo mother care may be continued for low birth weight babies until :

- (a) Baby has no sign of hypothermia
- (b) Baby has regular breathing
- (c) Baby gains weight around 2500g
- (d) Baby has no signs of infection and takes feeding

Correct Choice: (c)

Solution:

Kangaroo Mother Care (KMC) is a special method of care of low birth weight (<2500gm) babies. As the name suggests Kangaroo Mother Care consists of keeping the baby in close skin-to-skin contact with his/her mother as practiced by female kangaroo animal for their babies.

75. A child has breath holding spell. What advice will you give the parent to manage the child ?

- (a) Give punishment to the child
- (b) Protect and pamper the child
- (c) Neglect the child during spell
- (d) Be tolerant, calm and kind

Correct Choice: (d)

Solution:

Breath-holding spells can be terrifying for parents because kids often hold their breath until they pass out. they're an involuntary reflex, which means kids have no control over them

76. Which of the following is used for grading protein energy malnutrition ?

- (a) Ballard's scale
- (b) Gomez scale
- (c) Bishop scoring
- (d) Krammer's rule

Correct Choice: (b)

Solution:

The Ballard Maturation Assessment, Ballard Score, or Ballard Scale is a commonly used technique of gestational age assessment. It assigns a score to various criteria, the sum of all of which is then extrapolated to the gestational age of the fetus. These criteria are divided into physical and neurological criteria.

77. A patient who takes an antihistamine medication diphenhydramine, what would be the expected side effect of the drug ?

- (a) Nervousness
- (b) Palpitation
- (c) Dry mouth
- (d) Tremors

Correct Choice: (c)

Solution:

Diphenhydramine is an antihistamine mainly used to treat allergies. It is also used for insomnia, symptoms of the common cold, tremor in parkinsonism, and nausea. It is used by mouth, injection into a vein, and injection into a muscle.

78. A patient who is taking beta blockers is monitored for shock. Which manifestation of the shock won't present to such patient ?

- (a) Hypotension
- (b) Tachycardia
- (c) Oliguria
- (d) Altered mental status

Correct Choice: (b)

Solution:

Tachycardia is a condition that makes your heart beat more than 100 times per minute. Oliguria is defined as a urine output that is less than 1 mL/kg/h in infants, less than 0.5 mL/kg/h in children, and less than 400 mL or 500 mL per 24h in adults - this equals 17 or 21 mL/hour.

79. Which of the following statement is correct about malignant tumour ?

- (a) Malignant tumour stop dividing prematurely
- (b) Malignant tumour invade surrounding cells and tissues
- (c) Malignant tumour remains localized
- (d) Malignant tumours have defective cell communication

Correct Choice: (b)

Solution:

A malignant tumor contrasts with a non-cancerous benign tumor in that a malignancy is not self-limited in its growth, is capable of invading into adjacent tissues, and may be capable of spreading to distant tissues.

80. The cost effective way to prevent spreading of microorganism :

- (a) Wearing mask
- (b) Wearing gloves
- (c) Hand hygiene
- (d) Wearing gown

Correct Choice: (c)

Solution:

Hand washing, also known as hand hygiene, is the act of cleaning hands for the purpose of removing soil, dirt, and microorganisms. If water and soap is not available, hands can be cleaned with ash instead. Medical hand hygiene refers to hygiene practices related to medical procedures.

81. Ponderal index of term gestational age normal neonate :

- (a) Greater than 2.5
- (b) Less than 2.5
- (c) Less than 2
- (d) 2

Correct Choice: (a)

Solution:

The term 'small- for-gestational age' (SGA) describes a baby whose birth weight is less than the 10th percentile or more than two standard deviations below the mean for age and sex or less than 2.5 kg for a term neonate.

82. The immediate action taken by a first aider to rescue a victim of heat stroke :

- (a) Give oral fluids
- (b) Fanning of victim
- (c) Remove victim from hot environment
- (d) Spraying water over the victim

Correct Choice: (c)

Solution:

Heatstroke occurs when your body temperature rises rapidly and you're unable to cool down. It can be life-threatening by causing damage to your brain and other vital organs. It may be caused by strenuous activity in the heat or by being in a hot place for too long.

83. Which of the following is not a cause for pernicious anaemia ?

- (a) Bleeding
- (b) Chronic alcoholism
- (c) Long term use of certain antibiotics
- (d) Lack of intrinsic factor

Correct Choice: (a)

Solution:

Pernicious anemia refers to anemia that results from lack of intrinsic factor. Lack of intrinsic factor is most commonly due to an autoimmune attack on the cells that create it in the stomach.

84. Which of the following surgery leads to Dumping syndrome ?

- (a) Appendectomy
- (b) Gastrectomy
- (c) Cholecystectomy
- (d) Sigmoidectomy

Correct Choice: (b)

Solution:

An appendectomy is the surgical removal of the appendix. A cholecystectomy is a surgical procedure to remove your gallbladder .

85. Which of the lab value would the nurse to be evaluated for a patient with pancreatitis ?

- (a) Serum.lipase
- (b) Serum.CPK
- (c) Serum.AL
- (d) Serum.AST

Correct Choice: **(a)**

Solution:

Pancreatitis is inflammation in the pancreas. The pancreas is a long, flat gland that sits tucked behind the stomach in the upper abdomen.

86. The extrapyramidal side effect of antipsychotic agents are managed with following group of drugs except :

- (a) Dopamine drugs
- (b) Anticholinergic
- (c) Antihistamines
- (d) Barbiturates

Correct Choice: **(d)**

Solution:

Dopamine is a medication form of a substance that occurs naturally in the body. It works by improving the pumping strength of the heart and improves blood flow.

87. Among the following which one is a delusional disorder ?

- (a) Trance
- (b) Capuras' syndrome
- (c) Dissociative fugue
- (d) Ganser's syndrome

Correct Choice: **(b)**

Solution:

Delusional disorder, previously called paranoid disorder, is a type of serious mental illness called a "psychosis" in which a person cannot tell what is real from what is imagined. The main feature of this disorder is the presence of delusions, unshakable beliefs in something untrue or not based on reality.

88. Which one is a fact about persons with suicidal tendency ?

- (a) Suicide happens without warning
- (b) Once a person is suicidal, he/she is suicidal forever
- (c) Most suicidal person are undecided about dying or living
- (d) Suicidal persons are fully intent on dying

Correct Choice: **(c)**

Solution:

A major cause of suicide is mental illness, very commonly depression.

89. Publication of a false statement about an individual made either verbally or in some other form to the third person :

- (a) Battery
- (b) Displacement
- (c) Depersonalization
- (d) Defamation

Correct Choice: **(d)**

Solution:

Under common law, to constitute defamation, a claim must generally be false and must have been made to someone other than the person defamed. Some common law jurisdictions also distinguish between spoken defamation, called slander, and defamation in other media such as printed words or images, called libel.

90. Most frequent neurotic disorder in puerperium :

- (a) Postpartum blues
- (b) Postpartum depression
- (c) Postpartum psychosis
- (d) Delivery related stress and anxiety

Correct Choice: **(b)**

Solution:

Puerperium - The period of about six weeks after childbirth during which the mother's reproductive organs return to their original non-pregnant condition.

91. Which of the following is used in drug dependence to prevent relapse ?

- (a) Naloxone
- (b) Naltrexone
- (c) Neuroleptic
- (d) Nomifensine

Correct Choice: **(b)**

Solution:

Relapse or reinstatement of drug-seeking behavior, is a form of spontaneous recovery that involves the recurrence of pathological drug use after a period of abstinence. Relapse is often observed in individuals who have developed a drug addiction or either form of drug dependence.

92. The most commonest psychiatric disorder after head injury is :

- (a) Mania
- (b) Schizophrenia
- (c) Depression
- (d) Phobia

Correct Choice: **(a)**

Solution:

Schizophrenia is a chronic and severe mental disorder that affects how a person thinks, feels, and behaves. People with schizophrenia may seem like they have lost touch with reality.

Phobia - An extreme or irrational fear of or aversion to something.

93. Which of the following is not an element of management ?

- (a) Reporting
- (b) Organising
- (c) Staffing
- (d) Commanding

Correct Choice: **(d)**

Solution:

Organizing is a systematic process of structuring, integrating, co-ordinating task goals, and activities to resources in order to attain objectives.

Staffing is the function of human relationship in the organisational structure with competent staff. Staffing is that part of the management function which is concerned with people at work and with their relationship within the organisation.

94. Ability of an instrument to detect changes or differences when they occur :

- (a) Validity
- (b) Reliability
- (c) Objectivity
- (d) Sensitivity

Correct Choice: **(d)**

Solution:

Reliability refers to consistency or stability of measurement. • Can our measure or other form of observation be confirmed by further measurements or observations? • If you measure the same thing would you get the same score?

Validity refers to the suitability or meaningfulness of the measurement.

95. Which among the following is not a fact about EBP (evidence based practice) ?

- (a) Is use of best evidence to make decisions about care and treatment.
- (b) Contribute to expand the knowledge base of profession.
- (c) Includes patient preferences and values.
- (d) Is another term for utilization of research findings

Correct Choice: **(d)**

Solution:

The goal of EBP is the integration of: (a) clinical expertise/expert opinion, (b) external scientific evidence, and (c) client/patient/caregiver perspectives to provide high-quality services reflecting the interests, values, needs, and choices of the individuals we serve.

96.

96. As per the triage system, green colour code refers to :

- (a) Injuries are life threatening but survivable with minimal intervention.
- (b) Injuries are minor and treatment can be delayed for hours to days.
- (c) Injuries are extensive and chances of survival are unlikely even with care.
- (d) Injuries are significant and require medical care but can wait for hours without threat to life.

Correct Choice: **(b)**

Solution:

Within the hospital system, the first stage on arrival at the emergency department is assessment by the hospital triage nurse. This nurse will evaluate the patient's condition, as well as any changes, and will determine their priority for admission to the emergency department and also for treatment.

97. The audit which is conducted between 2 regular audit :

- (a) Interval audit
- (b) Final audit
- (c) Interim audit
- (d) Continuous audit

Correct Choice: **(c)**

Solution:

An interim audit involves preliminary audit work that is conducted prior to the fiscal year-end of a client. The interim audit tasks are conducted in order to compress the period needed to complete the final audit.

98. One nurse is assigned the responsibility for the case of each patient from admission to discharge :

- (a) Case method
- (b) Primary nursing
- (c) Functional method
- (d) Team nursing

Correct Choice: **(a)**

Solution:

Primary Nursing is a relationship-based with therapeutic presence, autonomous, evidence-based, and collaborative delivery care model. Team nursing is a model in which a group of healthcare professionals, including nurses, care for a group of patients in the acute care or inpatient setting.

99. Informal communication is also known as :

- (a) Diagonal communication
- (b) Cross wise communication
- (c) Grape wine communication
- (d) Horizontal communication

Correct Choice: **(c)**

Solution:

Grapevine is an informal, unofficial and personal communication channel or system that takes place within the organization as a result of rumor and gossip. It is a complex web of oral information flow linking all the members of the organization.

Diagonal Communication is the communication held between different structures of a business firm. It is the communication between the higher and lower sectors of a business firm.

100. Truth telling about disease and its prognosis to terminally ill patients, such situation which ethical principle is followed by a nurse ?

- (a) Confidentiality
- (b) Fidelity
- (c) Justice
- (d) Veracity

Correct Choice: **(d)**

Solution:

Fidelity - Keep commitments, based on virtue of caring. Justice - Treat all patients fairly and equally.