Q1: Who among the following person was appointed as the constitutional adviser to the Indian Constituent Assembly?
   A: C. Rajagopalachari
   B: G.V. Mavalankar
   C: Benegal Narsing Rao
   D: Balwantrai Mehta
   Correct Answer: Option-C

Q2: The Indian constitution borrowed the idea of 'single citizenship' from
   A: Canada
   B: Britain
   C: France
   D: Germany
   Correct Answer: Option-B

Q3: Which Article of the Indian constitution is related with the 'Abolition of untouchability'?
   A: Article 17
   B: Article 20
   C: Article 12
   D: Article 15
   Correct Answer: Option-A

Q4: What is the time limit to get the information under R.T.I. Act of 2005?
   A: 7 days
   B: 14 days
   C: 45 days
   D: 30 days
   Correct Answer: Option-D

Q5: When was the National Food Security Act passed?
   A: 2013
   B: 2007
   C: 2009
   D: 2012
   Correct Answer: Option-A

Q6: Who among the following started the system "A school along with every church" to make education available to all sects of people?
   A: Herman Gundert
   B: Edward Brennen
   C: Rev. Meed
   D: Rev. Fr Kuriakose-Elias Chavara
   Correct Answer: Option-D

Q7: The first General Secretary of S.N.D.P is
   A: Sree Narayana Guru
   B: Kumaranasan
   C: N. Krishnan
   D: C.V. Kunhiraman
   Correct Answer: Option-B

Q8: Who among the following person became the martyr in the Paliyam Sathyagraha of 1947-'48?
   A: Velukkutty Arayan
   B: A.G. Velayudhan
   C: C. Kesavan
   D: C.V. Kunhiraman
   Correct Answer: Option-B
Question 9: Who was the leader of the Kayal Sammelanam of 1913, a meeting against the restriction for lower caste people in assembling any common place?
A: Pandit K.P. Karuppan
B: Sahodaran Ayyappan
C: Ayyankali
D: Dr. Palpu
Correct Answer: Option-A

Question 10: The channar agitation took place during the time of which Travancore king?
A: Avittom Thirunal Balaramavaram I
B: Chithira Thirunal Balaramavarma II
C: Sreemoolam Thirunal Ramavarma
D: Uthram Thirunal Marthandavarmana
Correct Answer: Option-D

Question 11: The founder of the Ezhava Mahasabha is
A: C. Kesavan
B: Nataraja Guru
C: Dr. Palpu
D: Bodhananda Swamikal
Correct Answer: Option-C

Question 12: Who was the volunteer captain of the Guruvayoor Satyagraha?
A: K. Kelappan
B: P. Krishnapillai
C: A.K. Gopalan
D: Mannath Padmanabhan
Correct Answer: Option-C

Question 13: Who is known as the Father of Malayalam journalism?
A: Swadeshabhimani Ramakrishna Pillai
B: Chengulathu Kunhirama Menon
C: Kandathil Varghese Mappilai
D: Vengayil Kunhiraman Nayanar
Correct Answer: Option-B

Question 14: Kerala Sangeetha Nataka Academy is located at
A: Kannur
B: Thiruvananthapuram
C: Ernakulam
D: Thrissur
Correct Answer: Option-D

Question 15: Who among the following person is known as the 'Jhansi Rani of Travancore'?
A: Accamma Cherian
B: Parvathi Nenmenimangalam
C: A.V. Kuttimalu Amma
D: Arya Pallam
Correct Answer: Option-A

Question 16: When is the National Science Day?
A: February 28
B: January 11
C: December 11
D: September 13
Correct Answer: Option-A

Question 17: Who wrote the poem 'Ente Gurunathan' in praising Mahatma Gandhi?
A: Ulloor S. Parameswara Iyer
B: Vallathol Narayana Menon
C: G. Sankara Kurup
D: Changampuzha Krishnapillai
Correct Answer: Option-B

Question 18: Who was the founder and publisher of the newspaper 'Swadeshabhimani'?
A: Kuttippuzha Krishnapillai
B: Swadeshabhimani Ramakrishnapillai
C: Vakkom Abdul Khader Moulavi
Question 19: Which of the following country will host the FIFA 2022 World Cup Football?
A: Sharjah  
B: China  
C: Qatar  
D: Russia  
Correct Answer: Option C

Question 20: ‘Madad’ is the name given to the recent Flood Relief Operation by the
A: Navy  
B: Airforce  
C: Fishermen  
D: Army  
Correct Answer: Option A

Question 21: Commonest aetiology for chronic kidney disease in children
A: Congenital anomaly of kidney and urinary tract  
B: Haemolytic uremic syndrome  
C: Focal segmental glomerular sclerosis  
D: IgA Nephropathy  
Correct Answer: Option A

Question 22: In minimal change disease in children after the first remission what is the percentage of relapse?
A: 10-20%  
B: 30-40%  
C: 50-60%  
D: 70-75%  
Correct Answer: Option D

Question 23: Megalocornea is defined as a non progressive symmetric condition characterized by an enlarged cornea more than
A: 10 mm  
B: 12 mm  
C: 14 mm  
D: 8 mm  
Correct Answer: Option B

Question 24: Clearing of the external auditory canal is done by all except one
A: Self-cleaning by the squamous migration of the ear canal skin  
B: Parental clearing of the cerumen with cotton swab  
C: By the surgical head of the otoscope  
D: Gentle suction with a suction tube  
Correct Answer: Option B

Question 25: The duration of treatment of acute otitis media in children is
A: 7 days  
B: 5 days  
C: 10 days  
D: 14 days  
Correct Answer: Option C

Question 26: In FSGS pathological changes are most prominent in glomeruli located at
A: outer cortex  
B: middle cortex  
C: corticomedullary junction  
D: inner cortex  
Correct Answer: Option C

Question 27: Tonsil is derived from
A: 2nd cleft  
B: 3rd cleft  
C: 2nd pouch  
D: 1st pouch  
Correct Answer: Option C

Question 28: Cetyl trimethyl ammonium Bromide test is done for
A: Phenylketonuria
B: Mucopolysaccharidosis  
C: Maple syrup urine disease  
D: Lactic acidosis  
Correct Answer: Option-B

Question 29: Which one of the following features is a factor in the pathogenesis of (paroxysmal nocturnal hemoglobinuria) PNH?  
A: an acquired mutation in the ANK1 gene  
B: defective haemoglobin  
C: reduced expression of CD55 and CD59 on the surface of hematopoietic cells  
D: weakened interaction between the red cell membrane and the cytoskeleton  
Correct Answer: Option-C

Question 30: In nutritional anaemia the first parameter most often altered  
A: MCV  
B: MCH  
C: RDW  
D: Haemoglobin  
Correct Answer: Option-C

Question 31: The long antero posterior diameter of the eye causes  
A: astigmatism  
B: amblyopia  
C: myopia  
D: hyperopia  
Correct Answer: Option-C

Question 32: The time limit for infusion of platelet concentrate from start to completion is  
A: within 2 hours  
B: within 20 mts  
C: within 4 hours  
D: within 1 hour  
Correct Answer: Option-B

Question 33: When an individual with multiple cognitive disabilities has extraordinary proficiency in one isolated skill, this is known as  
A: Rainman syndrome  
B: Asperger syndrome  
C: Intellectual isolation  
D: Savant syndrome  
Correct Answer: Option-D

Question 34: In new-born with galactosemia which is the organism producing sepsis  
A: Streptococcus  
B: Staphylococcus  
C: E.coli  
D: Klebsiella  
Correct Answer: Option-C

Question 35: Which of the following is a topographical model of mind by Freud?  
A: Id-Ego-Supergo  
B: Unconscious-Preconscious-Conscious  
C: Regression-repression-suppression  
D: Denial-Rationalization-Projection  
Correct Answer: Option-B

Question 36: Which one of the following investigation is most likely to identify a specific genetic cause in a dysmorphic child?  
A: PCR  
B: Family history  
C: Birth history  
D: Microarray  
Correct Answer: Option-D

Question 37: The laboratory test useful for assessing the function of vWF is  
A: platelet aggregation test  
B: prothrombin time  
C: ristocetin aggregation test  
D: clotting time
Question 38: Which one of the following is not a risk factor for developmental dysplasia of the hip?
A: older sibling with DDH
B: the presence of spina bifida
C: female gender
D: severe olohydraminos
Correct Answer: Option B

Question 39: Subcutaneous fat necrosis in newborn is associated with
A: hypernatremia
B: hypocalcemia
C: hypercalcemia
D: hyponatremia
Correct Answer: Option C

Question 40: Stein bergs sign is seen in
A: Pseudoxanthoma elasticum
B: Ehlers Danlos syndrome
C: Marfan syndrome
D: Blooms syndrome
Correct Answer: Option C

Question 41: Darier's sign is seen in
A: Dermatophytosis
B: Histiocytosis
C: Mastocytosis
D: Pemphigus
Correct Answer: Option C

Question 42: Child with frog like position and resistance to move the limbs has
A: Scurvy
B: Rickets
C: Trauma
D: Congenital dislocation
Correct Answer: Option A

Question 43: Paniculitis is
A: Infection of the subcutaneous fat
B: Infection of the hair follicle
C: Inflammation of epidermis
D: Infection of the sebaceous glands
Correct Answer: Option A

Question 44: When does a child walk up and down stairs without help?
A: 13 months
B: 15 months
C: 18 months
D: 24 months
Correct Answer: Option D

Question 45: When do children perform a unilateral reach?
A: 4 months
B: 6 months
C: 7 months
D: 8 months
Correct Answer: Option B

Question 46: Net protein utilisation of egg is
A: 100
B: 95
C: 90
D: 80
Correct Answer: Option A

Question 47: The term which encompasses the provision of splints and appliances which improve the function and appearance of a patient
A: Orthosis
B: Prosthetics
C:-Orthotics
D:-Walking aids
Correct Answer:- Option-C

Question 48:- Profound hearing loss is hearing loss
A:- above 40 decibels
B:- above 90 db
C:- above 110 db
D:- above 60 db
Correct Answer:- Option-B

Question 49:- Any loss or abnormality of psychological, physiological or anatomical structure or function is called
A:- disability
B:- handicap
C:- impairment
D:- damage
Correct Answer:- Option-C

Question 50:- A 5 month old presented with hypoglycaemia, mild growth retardation, micropenis, the diagnosis can be
A:- Growth hormone deficiency
B:- Fatty acid oxidation defect
C:- Glycogen storage disorder
D:- Hyperinsulinism
Correct Answer:- Option-A

Question 51:- The recurrence risk in AD inheritance is
A:- 50%
B:- 25%
C:- 75%
D:- 100%
Correct Answer:- Option-A

Question 52:- For children 1-5 yrs, prophylaxis against nutritional anaemia programme, one tablet of iron and folic acid
A:- 20 mg of iron and 100 mg folic acid
B:- 60 mg of iron and 10 mg of folic acid
C:- 20 mg of iron and 50 mg of folic acid
D:- 20 mg of iron and 500 mg of folic acid
Correct Answer:- Question Cancelled

Question 53:- Adrenal calcification is seen in all except
A:- Wolman syndrome
B:- In Cushing syndrome
C:- In those who recover from Water-house-Friederichsen syndrome
D:- In neuroblastoma
Correct Answer:- Option-B

Question 54:- The "gold standard" for the treatment of retinopathy of prematurity is
A:- Vitrectomy
B:- Anti VEGF agent Bevacizumab
C:- Cryotherapy
D:- Laser photocoagulation
Correct Answer:- Option-D

Question 55:- Hall's criteria for Down syndrome include all except
A:- Hypotonia
B:- Poor moro reflex
C:- Three fontanels
D:- Joint hyper flexibility
Correct Answer:- Option-C

Question 56:- Friedreich ataxia is caused by a mutation of a gene locus on which chromosome
A:- Chromosome 4
B:- Chromosome 9
C:- Chromosome 14
D:- Chromosome 19
Correct Answer:- Option-B

Question 57:- A boy with intractable seizures is referred for seizure management. A work up reveals mesial temporal lobe epilepsy with hippocampal sclerosis. What is the most appropriate management?
A: continuous intravenous benzodiazepine  
B: ketogenic diet  
C: temporal lobe resection  
D: high dose phenytoin  
Correct Answer: Option C

Question 58: Which of the following has the highest glycaemic index?  
A: Biscuit  
B: Potato  
C: Dextrose  
D: Bread  
Correct Answer: Option C

Question 59: Expressed and frozen breast milk before feeding the child can be  
A: microwaved  
B: thawed by tepid water  
C: boiled  
D: kept outside until it is warm  
Correct Answer: Option B

Question 60: Principle of complimentary feeding includes all except  
A: Introduce one food at a time  
B: Iron containing foods are required  
C: Sugar sweetened beverages should be given to meet energy requirements  
D: Phytate intake should be low  
Correct Answer: Option C

Question 61: All of the following meet clinical diagnostic criteria for neurofibromatosis type-1 except  
A: six café au lait spots more than 5 mm in diameter in prepubertal individuals  
B: two or more neurofibromas  
C: one café au lait spot more than 10 mm in diameter in post pubertal individuals  
D: two or more iris hamartomas  
Correct Answer: Option C

Question 62: Which drug is contraindicated in hepatic dysfunction?  
A: erythromycin  
B: ampicillin  
C: cefotaxime  
D: amoxycillin  
Correct Answer: Option A

Question 63: A child with severe malnutrition with severe dehydration and no evidence of shock WHO recommended fluid therapy is  
A: RL with 5% dextrose  
B: Half normal saline with 5% dextrose  
C: Half strength Darrow solution with 5% dextrose  
D: Oral or nasogastric Resomal  
Correct Answer: Option D

Question 64: In Pantothenate kinase associated neurodegeneration there is accumulation of _________ in brain.  
A: Copper  
B: Iron  
C: Zinc  
D: Calcium  
Correct Answer: Option B

Question 65: Most common heart disease in foetal alcohol syndrome  
A: VSD  
B: ASD  
C: Fallots Tetralogy  
D: PDA  
Correct Answer: Option B

Question 66: Symptoms suggestive of imminent exacerbation of asthma include all except  
A: increased day time cough  
B: day time wheeze  
C: night-time beta 2 agonist use  
D: night time cough
Question67:- The Phalangeal depth ratio in normal subjects is
A: <-1
B: equal to one
C: ->1
D: ->1.5
Correct Answer: Option-A

Question68:- Recurrent pneumonia is characterised by
A: 2 or more episodes in a single year
B: 6 or more episodes ever
C: 4 or more episodes in a single year
D: 4 or more episodes ever
Correct Answer: Option-A

Question69:- Compared to the apex of the lung, at the base of the lung
A: Blood flow is lowest
B: Ventilation is lowest
C: V/Q is highest
D: Alveolar `PCO_2` is highest
Correct Answer: Option-D

Question70:- Preoperative fasting order for breast milk in an infant is
A: Minimum of 6 hrs of fasting
B: Minimum 4 hrs fasting
C: No fasting is required
D: Minimum of 2 hrs
Correct Answer: Option-B

Question71:- In central precocious puberty one is false
A: Osseous maturation is retarded
B: Greater diagnostic power when LH is obtained during sleep
C: Serum testosterone levels are elevated
D: Hypothalamic hamartomas are the most common brain lesion causing central precocious puberty
Correct Answer: Option-A

Question72:- In Kocker-Debre-Semelaigne syndrome one is not true
A: The muscles are hypotonic
B: There is generalised muscular pseudohypertrophy
C: Girls are more affected
D: Affected patients have hypothyroidism of longer duration
Correct Answer: Option-C

Question73:- Highest incidence of pseudomembranous enterocolitis has been noted with the use of
A: Cephalosporins
B: Carbepenems
C: Vancomycin
D: Clindamycin
Correct Answer: Option-D

Question74:- In Klinifelter syndrome one is false
A: 80% of them have a 47, XXY chromosome compliment
B: Cryptorchidism is common
C: Adults have Gynecomastia
D: Serum LH and FSH concentration are low at round 13 years of age
Correct Answer: Option-D

Question75:- Cyanosis with left axis deviation in ECG is suggestive of
A: TOF
B: Tricuspid atresia
C: Ebsteins anomaly
D: Trans position of great arteries
Correct Answer: Option-B

Question76:- Innocent murmurs one of the following is not a feature
A: Short ejection systolic murmur
B: Radiation to apex
C: Best heard in the left lower sternal border
D:-Intensity of murmur changes with respiration
Correct Answer:- Option-B

Question77:-Infective endocarditis is not seen in
A:-ASD
B:-TOF
C:-VSD
D:-MR
Correct Answer:- Option-A

Question78:-If the venous pH is 7.45, then the arterial pH is
A:-7.42
B:-7.48
C:-7.44
D:-7.49
Correct Answer:-Question Cancelled

Question79:-Most common type of tracheo-oesophageal fistula
A:-Type A
B:-Type B
C:-Type C
D:-Type D
Correct Answer:- Option-C

Question80:-In IgA nephropathy deposition of IgA occurs in
A:-glomerular capillaries
B:-glomerular mesangium
C:-glomerular basement membrane
D:-tubules
Correct Answer:- Option-B

Question81:-Which one of the following abnormalities most likely to be seen in Pulmonary function test in a patient with unilateral diaphragmatic paralysis?
A:-Decreased diffusing capacity of the lung for Carbon monoxide
B:-Decreased functional residual capacity
C:-Decreased residual volume
D:-Decreased supine vital capacity
Correct Answer:- Option-D

Question82:-Environmental enteric dysfunction has been associated with
A:-Oedematous malnutrition
B:-Tropical sprue
C:-Mal rotation
D:-Intucception
Correct Answer:- Option-A

Question83:-In Genu Verum the bow legs beyond ____________ years is pathological.
A:-beyond 1 year
B:-beyond 2 years
C:-beyond newborn period
D:-beyond 6 months
Correct Answer:- Option-B

Question84:-The genu valgus the intermalleolar distance for more than ________ cm is pathological.
A:-4 cm
B:-6 cm
C:-5 cm
D:-8 cm
Correct Answer:-Question Cancelled

Question85:-The clinical definition of shock by WHO in resource limited setting is
A:-cold extremities with capillary refill time more than 3 secs and weak and fast pulse
B:-cold extremities with weak and fast pulse
C:-capillary refill time more than 3 secs and weak and fast pulse
D:-cold extremities with capillary refill time more than 3 secs
Correct Answer:- Option-A

Question86:-Management of early treatment failure in malaria include all except
A:-Look for diarrhoea and vomiting
B: Treat with second line drugs
C: Consider it as resistant malaria
D: Do a rapid diagnostic test to see for fresh infection
Correct Answer: Option-D

Question 87: The optimal mode of therapy now for EHPVO
A: mesenterico portal bypass
B: endoscopic variceal band ligation
C: endoscopic sclerotherapy
D: distal spleno-renal shunt
Correct Answer: Option-A

Question 88: Pulmonary capillary blood from which lung unit has the lowest "P_O_2"
A: V = 2 l/mt Q = 0.2 l/mt
B: V = 2 l/mt Q = 2 l/mt
C: V = 0.2 l/mt Q = 2 l/mt
D: V = 0 Q = 2 l/mt
Correct Answer: Option-D

Question 89: Fractional IPV is
A: 1/4th of a full dose
B: 1/5th of a full dose
C: 1/2 of the full dose
D: 1/3rd of the full dose
Correct Answer: Option-B

Question 90: Thrombocytopenia is an AEFI of which vaccine
A: Measles
B: BCG
C: DPT
D: Hepatitis B
Correct Answer: Option-A

Question 91: Isoniazid preventive therapy should be given to child in all situations except
A: For all HIV infected children who are tuberculin skin test positive
B: All TST positive children who are receiving immunosuppressive therapy
C: A child born to mother who was diagnosed to have TB in pregnancy
D: Close contacts of index cases with proved DR-TB
Correct Answer: Option-D

Question 92: In Di-Georges syndrome which of these is not included in catch-22 mnemonic
A: Cardiac abnormality
B: Hyperthyroidism
C: Hypocalcaemia
D: Abnormal facies
Correct Answer: Option-B

Question 93: Anakinra acts on which interleukin and blocks its activity
A: IL 3
B: IL 4
C: IL 2
D: IL 1
Correct Answer: Option-D

Question 94: Who recommended IV fluid for maintenance IV fluid all except?
A: RL with 5% dextrose
B: NS with 5% dextrose
C: 1/2 NS with 5% dextrose
D: RL
Correct Answer: Option-D

Question 95: Drug of choice for carbapenemase producing carbapenem resistant organisms
A: Meropenem
B: Colistin with Meropenem
C: Vancomycin
D: Linezolid
Correct Answer: Option-B

Question 96: Sign that remain useful for assessing dehydration status in children with severe acute malnutrition is
A:- Loss of skin turgor
B:- Eyes appear sunken
C:- Child irritable
D:- Eagerness to drink
Correct Answer:- Option-D

Question 97:- The upstream markers in hemodynamic monitoring in critically ill child include all except
A:- Blood pressure
B:- Heart rate
C:- Central venous pressure
D:- Urine output
Correct Answer:- Option-D

Question 98:- Which HLA marker has maximum strength of association with Type 1 diabetes?
A:- DR 2
B:- DR 3
C:- DR 4
D:- DQ 8
Correct Answer: Question Cancelled

Question 99:- Within ADHD which of the following is not classified as a problem relating to hyperactivity-impulsivity?
A:- Doesn't appear to listen when being told something or spoken to
B:- Experience difficulties in playing quietly
C:- Talks excessively
D:- Rather than sitting still, squirms in seat and fidgets
Correct Answer:- Option-A

Question 100:- A simple screening test for B-cell defect is by the measurement of
A:- IgA
B:- IgG
C:- IgE
D:- IgM
Correct Answer: Option-A