

PROVISIONAL ANSWER KEY

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Question1:-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

Question2:-The Indian constitution borrowed the idea of 'single citizenship' from

- A:-Canada
- B:-Britain
- C:-France
- D:-Germany

Correct Answer:- Option-B

Question3:-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

Question4:-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

Question5:-When was the National Food Security Act passed?

- A:-2013
- B:-2007
- C:-2009
- D:-2012

Correct Answer:- Option-A

Question6:-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

Question7:-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

Question8:-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

Question9:-Who was the leader of the Kayal Sarnmelanam 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

Question10:-The channar agitation took place during the time of which Travancore king

- A:-Avittom Thirunal Balaramavarama I
- B:-Chithira Thirunal Balaramavarma II
- C:-Sreemoolam Thirunal Ramavarma
- D:-Uthram Thirunal Marthandavarma

Correct Answer:- Option-D

Question11:-The founder of the Ezhava Mahasabha is

- A:-C. Kesavan
- B:-Nataraja Guru
- C:-Dr. Palpu
- D:-Bodhananda Swamikal

Correct Answer:- Option-C

Question12:-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

Question13:-Who is known as the Father of Malayalam journalism?

- A:-Swadeshahimani Ramakrishna Pillai
- B:-Chengulathu Kunhirama Menon
- C:-Kandathil Varghese Mappilai
- D:-Vengayil Kunhiraman Nayanar

Correct Answer:- Option-B

Question14:-Kerala Sangeetha Nataka Academy is located at

- A:-Kannur
- B:-Thiruvananthapuram
- C:-Ernakulam
- D:-Thrissur

Correct Answer:- Option-D

Question15:-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

Question16:-When is the National Science Day?

- A:-February 28
- B:-January 11
- C:-December 11
- D:-September 13

Correct Answer:- Option-A

Question17:-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

Question18:-Who was the founder and publisher of the newspaper 'Swadeshahimani'?

- A:-Kuttippuzha Krishnapillai
- B:-Swadeshahimani Ramakrishnapillai
- C:-Vakkom Abdul Khader Moulavi

D:-Kesari Balakrishnapillai

Correct Answer:- Option-C

Question19:-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

Question20:-'Madad' is the name given to the recent Flood Relief Operation by the

A:-Navy

B:-Airforce

C:-Fishermen

D:-Army

Correct Answer:- Option-D

Question21:-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

Question22:-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

Question23:-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

Question24:-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

Question25:-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

Question26:-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

Question27:-Tonsil is derived from

A:-2nd cleft

B:-3rd cleft

C:-2nd pouch

D:-1st pouch

Correct Answer:- Option-C

Question28:-Cetyl trimethyl ammonium Bromide test is done for

A:-Phenylketonuria

- B:-Mucopolysaccharidosis
- C:-Maple syrup urine disease
- D:-Lactic acidosis

Correct Answer:- Option-B

Question29:-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

Question30:-In nutritional anaemia the first parameter most often altered

- A:-MCV
- B:-MCH
- C:-RDW
- D:-Haemoglobin

Correct Answer:- Option-C

Question31:-The long antero posterior diameter of the eye causes

- A:-astigmatism
- B:-amblyopia
- C:-myopia
- D:-hyperopia

Correct Answer:- Option-C

Question32:-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

Question33:-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

Question34:-In new-born with galactosemia which is the organism producing sepsis

- A:-Streptococcus
- B:-Staphylococcus
- C:-E.coli
- D:-Klebsiella

Correct Answer:- Option-C

Question35:-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

Question36:-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

Question37:-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

Correct Answer:- Option-C

Question38:-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 oligohydramnios

Correct Answer:- Option-C

Question39:-Subcutaneous fat necrosis in newborn is associated with

- A:-hypernatremia
- B:-hypocalcemia
- C:-hypercalcemia
- D:-hyponatremia

Correct Answer:- Option-C

Question40:-Stein bergs sign is seen in

- A:-Pseudoxanthoma elasticum
- B:-Ehlers Danlos syndrome
- C:-Marfan syndrome
- D:-Blooms syndrome

Correct Answer:- Option-C

Question41:-Darier's sign is seen in

- A:-Dermatophytosis
- B:-Histiocytosis
- C:-Mastocytosis
- D:-Pemphigus

Correct Answer:- Option-C

Question42:-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

Question43:-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

Question44:-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

Question45:-When do children perform a unilateral reach?

- A:-4 months
- B:-6 months
- C:-7 months
- D:-8 months

Correct Answer:- Option-B

Question46:-Net protein utilisation of egg is

- A:-100
- B:-95
- C:-90
- D:-80

Correct Answer:- Option-A

Question47:-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

Question48:-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

Question49:-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

Question50:-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

Question51:-The recurrence risk in AD inheritance is

A:-50%

B:-25%

C:-75%

D:-100%

Correct Answer:- Option-A

Question52:-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

Correct Answer:- Option-A

Question53:-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

Question54:-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

Question55:-Hall's criteria for Down syndrome include all except

A:-hypotonia

B:-poor moro reflex

C:-three fontanel

D:-joint hyper flexibility

Correct Answer:- Option-C

Question56:-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

Question57:-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

Question58:-Which of the following has the highest glycaemic index?

A:-Biscuit

B:-Potato

C:-Dextrose

D:-Bread

Correct Answer:- Option-C

Question59:-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

Question60:-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

Question61:-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

Question62:-Which drug is contraindicated in hepatic dysfunction?

A:-erythromycin

B:-ampicillin

C:-cefotaxime

D:-amoxycillin

Correct Answer:- Option-A

Question63:-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

Question64:-In Pantothenate kinase associated neurodegeneration there is accumulation of _____ in brain.

A:-Copper

B:-Iron

C:-Zinc

D:-Calcium

Correct Answer:- Option-B

Question65:-Most common heart disease in foetal alcohol syndrome

A:-VSD

B:-ASD

C:-Fallots Tetralogy

D:-PDA

Correct Answer:- Option-A

Question66:-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

Correct Answer:- Option-D

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 "PCO₂" 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 Kocher-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:-Carbapenems

C:-Vancomycin

D:-Clindamycin

Correct Answer:- Option-D

Question74:-In Klinefelter syndrome one is false

A:-80% of them have a 47, XXY chromosome complement

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:- Option-B

Question79:-Most common type of tracheo-oesophageal fistula

A:-Type A

B:-Type B

C:-Type C

D:-Type D

Correct Answer:- Option-A

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:-Intussusception

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:- Option-D

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

Question87:-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

Question88:-Pulmonary capillary blood from which lung unit has the lowest PO_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

Question89:-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

Question90:-Thrombocytopenia is an AEFI of which vaccine

- A:-Measles
- B:-BCG
- C:-DPT
- D:-Hepatitis B

Correct Answer:- Option-A

Question91:-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

Question92:-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

Question93:-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

Question94:-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

Question95:-Drug of choice for carbapenemase producing carbapenem resistant organisms

- A:-Meropenem
- B:-Colistin with Meropenem
- C:-Vancomycin
- D:-Linezolid

Correct Answer:- Option-B

Question96:-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

Question97:-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

Question98:-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:- Option-D

Question99:-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

Question100:-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