

PROVISIONAL ANSWER KEY

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Alphacode	A

Question1:-How many articles are there in the Part VI of the Indian Constitution ?

- A:-3
- B:-86
- C:-244
- D:-21

Correct Answer:- Option-B

Question2:-What is the subject matter of articles 245 to 263 ?

- A:-Legislative Relations
- B:-Administrative Relations
- C:-International Relations
- D:-Centre-State Relations

Correct Answer:- Option-D

Question3:-Which article provides a guaranteed remedy for the enforcement of fundamental rights ?

- A:-Article 32
- B:-Article 23
- C:-Article 226
- D:-Article 14

Correct Answer:- Option-A

Question4:-Act No. 20 of 1990 of Govt. of India deals with

- A:-National Green Tribunal
- B:-Social Audit
- C:-The National Commission for Women
- D:-Compulsory Voting

Correct Answer:- Option-C

Question5:-In which year the Church Mission Society (CMS) started a girls' school in Kottayam ?

- A:-1818
- B:-1824
- C:-1821
- D:-1834

Correct Answer:- Option-C

Question6:-Dr. Herman Gundert started Malayalam newspaper Rajyasamacharam in

- A:-June 1847
- B:-October 1847
- C:-July 1848
- D:-November 1848

Correct Answer:- Option-A

Question7:-Where Ayyankali organized the first planned peasant strike in Kerala in 1909 ?

- A:-Kottayam
- B:-Kannur
- C:-Punnapra
- D:-Venganoor

Correct Answer:- Option-D

Question8:-Who was the martyr of Paliyam Satyagraha ?

- A:-K.G. Velayudhan
- B:-A.G. Velayudhan
- C:-I.C. Chacko
- D:-T.R. Krishnaswami

Correct Answer:- Option-B

Question9:-The first meeting of Muslim Aikya Sangham at Kodungalloor was presided over by whom

- A:-Abdurahiman Sahib

B:-Abdul Kalam Azad
C:-Vakkom Moulavi
D:-Chalilakath Moulavi
Correct Answer:- Option-C

Question10:-Kerala Panchika monthly was edited by

A:-K. Ramakrishna Pillai
B:-K. Kelappan
C:-Ayyankali
D:-Dr. Palpu

Correct Answer:- Option-A

Question11:-Who was the first editor of Swadesabhimani newspaper ?

A:-Swadesabhimani K. Ramakrishna Pillai
B:-C. P. Govinda Pillai
C:-C. V. Kunjuraman
D:-T. Prakasam

Correct Answer:- Option-B

Question12:-In which year Benjamin Bialy prepared his Dictionary ?

A:-1840
B:-1850
C:-1872
D:-1846

Correct Answer:- Option-D

Question13:-Find the odd one

A:-Indhulekha
B:-Marthandavamma
C:-Dharmmaraja
D:-Ramaraja Bahadur

Correct Answer:- Option-A

Question14:-The first woman Chief Secretary of Kerala

A:-K. O. Aysa Potti
B:-K. K. Usha
C:-Pathma Ramachandran
D:-V. S. Ramadevi

Correct Answer:- Option-C

Question15:-Who was the first woman nominated member of the Cochin Legislative Assembly ?

A:-Akkamma Cheriyan
B:-Anna Chandi
C:-A. V. Kuttimalu Amma
D:-Thottaikkattu Madhavi Amma

Correct Answer:- Option-D

Question16:-The founder of Brahma Prathyaksha Sadujana Paripalana Sangam

A:-Kumaran Asan
B:-Kavarikkulam Kandan Kumaran
C:-Ayyankali
D:-Pandit Karuppan

Correct Answer:- Option-B

Question17:-Who founded the community named 'Servants of Mary Immaculate' ?

A:-Poikayil Yohannan
B:-M. C. Joseph
C:-Palakunnath Abraham Malpan
D:-Blessed Kuriakose Elias Chavara Achan

Correct Answer:- Option-D

Question18:-Who won the Nobel Prize in Literature 2015 ?

A:-Patric Modiano
B:-Svetlana Alexievich
C:-Angus Deaton
D:-Aziz Sancar

Correct Answer:- Option-B

Question19:-Who won the FIFA World Women Player of the year 2015 ?

- A:-Carli Lloyd
- B:-Nadine Angerer
- C:-Nadine Kefler
- D:-Marta

Correct Answer:- Option-A

Question20:-Who is the CEO of NITI Aayog ?

- A:-Aravind Panagaria
- B:-Deepak Gupta
- C:-Amitabh Kant
- D:-Sam Pitroda

Correct Answer:- Option-C

Question21:-In chromosomal anomalies Robertsonian translocation usually takes place between which groups of chromosomes ?

- A:-A and G
- B:-A and C
- C:-A and D
- D:-D and G

Correct Answer:- Option-D

Question22:-During embryonic development, primitive streak appears at about

- A:- 7th day
- B:- 15th day
- C:- 22nd day
- D:- 25th day

Correct Answer:- Option-B

Question23:-Which cranial nerve emerges out from the either side of frenulum veli ?

- A:-Trochlear nerve
- B:-Oculomotor nerve
- C:-Abducent nerve
- D:-Facial nerve

Correct Answer:- Option-A

Question24:-Usual vertebral level of lumbar puncture in adults is between

- A:- L₁ and L₂
- B:- L₂ and L₃
- C:- L₃ and L₄
- D:- L₄ and L₅

Correct Answer:- Option-C

Question25:-The antibody responsible for secondary immune response is

- A:-IgA
- B:-IgD
- C:-IgG
- D:-IgM

Correct Answer:- Option-C

Question26:-Vanillyl mandelic acid excretion is increased in

- A:-Carcinoid tumour
- B:-Neuroblastoma
- C:-Hartnup's disease
- D:-Phenyl ketonuria

Correct Answer:- Option-B

Question27:-All the following are features of Wilson's disease except

- A:-Cirrhosis
- B:-Renal failure
- C:-Lenticular degeneration
- D:-Low serum ceruloplasmin level

Correct Answer:- Option-B

Question28:-High anion gap acidosis is seen in

- A:-Diabetic ketoacidosis
- B:-Hyperchloremic acidosis
- C:-Renal tubular acidosis
- D:-Diarrhoea

Correct Answer:- Option-A

Question29:-Which among the following is the hormone secreted by pancreas ?

- A:-Glucocorticoids
- B:-Aldosterone
- C:-Insulin
- D:-Growth hormone

Correct Answer:- Option-C

Question30:-Name the clotting factor deficient in hemophilia

- A:-Factor VIII
- B:-Factor VII
- C:-Factor X
- D:-Factor XIII

Correct Answer:- Option-A

Question31:-Digestion of dietary fat requires which enzyme ?

- A:-Pancreatic amylase
- B:-Trypsin
- C:-Carboxypeptidase
- D:-Pancreatic lipase

Correct Answer:- Option-D

Question32:-Pacemaker of the heart is

- A:-AV node
- B:-SA node
- C:-Purkinje fibers
- D:-Bundle of His

Correct Answer:- Option-B

Question33:-The intracranial haemorrhage which is always a coup injury is

- A:-Subdural
- B:-Pontine
- C:-Extradural
- D:-Subarachnoid

Correct Answer:- Option-C

Question34:-Postmortem calority is a phenomenon seen in death due to the following except

- A:-Electric shock
- B:-Cholera
- C:-Heat stroke
- D:-Pontine bleed

Correct Answer:- Option-A

Question35:-The pathognomonic postmortem feature of antemortem hanging

- A:-Tardieu spot
- B:-Postmortem fluidity of blood
- C:-Glove and stocking distribution of postmortem staining
- D:-Salivary dribble

Correct Answer:- Option-D

Question36:-Microcytic hypochromic anaemia is typically seen in chronic poisoning due to

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

Correct Answer:- Option-B

Question37:-Helper T cells have _____ on cell surface.

- A:-`CD_(8)`
- B:-`CD_(4)`
- C:-IgM
- D:-IgD

Correct Answer:- Option-B

Question38:-There is no animal reservoir for

- A:-Campylobacter jejuni
- B:-Salmonella typhimurium
- C:-Vibrio cholerae

D:-Yersinia enterocolitica

Correct Answer:- Option-C

Question39:-Sporulation in bacteria occur during _____ phase of bacterial growth.

A:-Lag

B:-Log

C:-Stationary

D:-Decline

Correct Answer:- Option-C

Question40:-Which diagnostic marker is useful and present in abundance in blood during incubation period of Hepatitis B virus infection ?

A:-Viral DNA polymerase

B:-HBsAg

C:-HBcAg

D:-Anti HBs

Correct Answer:- Option-B

Question41:-The following statements are true of Zuska disease except

A:-It is a subareolar abscess

B:-It is associated with lactation

C:-It can be recurrent

D:-Squamous metaplasia of lactiferous ducts

Correct Answer:- Option-B

Question42:-Rolling of leucocytes is mediated by

A:-V CAM

B:-Selectns

C:-I CAM

D:-Cadherins

Correct Answer:- Option-B

Question43:-In cytology, the following are better highlighted in MGG than Pap except

A:-fibromyxoid ground substance

B:-lymphoid globules

C:-cytoplasmic granules

D:-macrophages

Correct Answer:- Option-D

Question44:-In which lymphoma, pseudoglandular structures a feature

A:-Follicular

B:-Anaplastic large cell

C:-Hodgkin lymphoma

D:-MALT oma

Correct Answer:- Option-A

Question45:-Diuretic which causes hypercalcemia ?

A:-Bumetanide

B:-Chlorthalidone

C:-Triamterene

D:-Torseamide

Correct Answer:- Option-B

Question46:-MT1 and MT2 receptor agonist approved for the treatment of insomnia

A:-Ramelteon

B:-Zaleplon

C:-Dalfampridine

D:-Tetrabenazine

Correct Answer:- Option-A

Question47:-GABA^B receptor agonist used as centrally acting skeletal muscle relaxants

A:-Tizanidine

B:-Mephenesin

C:-Clonazepam

D:-Baclofen

Correct Answer:- Option-D

Question48:-Antiarrhythmic drug approved for acute conversion of atrial fibrillation to sinus rhythm

A:-Sotalol

B:-Ibutilide

C:-Bretylum

D:-Amiodarone

Correct Answer:- Option-B

Question49:-Case fatality rate is one way of measuring

A:-Infectivity

B:-Pathogenecity

C:-Virulence

D:-None of the above

Correct Answer:- Option-C

Question50:-All are disability rates except

A:-HALE

B:-QALY

C:-DALY

D:-PQLI

Correct Answer:- Option-D

Question51:-All are defense mechanisms of a person when faced with stress except

A:-Rationalization

B:-Aggression

C:-Projection

D:-Regression

Correct Answer:- Option-B

Question52:-Rapid sand filter is cleaned by the process of

A:-Back washing

B:-Scraping

C:-Coagulation

D:-Chlorination

Correct Answer:- Option-A

Question53:-All are causes of a small pupil except

A:-horner's syndrome

B:-systematic morphine

C:-belladonna poisoning

D:-pontine haemorrhage

Correct Answer:- Option-C

Question54:-All are true for Argyll Robertson pupil except

A:-large pupil

B:-light-near dissociation

C:-usually bilateral

D:-caused by lesions in the tectal region

Correct Answer:- Option-A

Question55:-Crystalline lens develops from

A:-neural ectoderm

B:-surface ectoderm

C:-paraxial mesoderm

D:-none of the above

Correct Answer:- Option-B

Question56:-The mucus layer of tear film is secreted by

A:-accessory lacrimal glands

B:-main lacrimal glands

C:-conjunctival goblet cells

D:-meibomian glands

Correct Answer:- Option-C

Question57:-Audiological investigation of choice for neonatal screening for deafness is

A:-Oto acoustic emissions

B:-Electrocochleography

C:-BERA

D:-ASSR

Correct Answer:- Option-A

Question58:-Antral sign is a radiological abnormality seen in

- A:-Fungal sinusitis
- B:-Blow out fracture
- C:-Nasopharyngeal Angiofibroma
- D:-Adenoiditis

Correct Answer:- Option-C

Question59:-The treatment for post tracheostomy apnoea is

- A:-Oxygen
- B:-Nitrogen
- C:-Carbon dioxide
- D:-Carbogen

Correct Answer:- Option-D

Question60:-Epley's manoeuvre is the treatment of choice in

- A:-BPPV
- B:-Meniere's disease
- C:-Otosclerosis
- D:-Acoustic neuroma

Correct Answer:- Option-A

Question61:-Clinical features of Chronic Arsenic Poisoning include all except

- A:-Peripheral Neuropathy
- B:-Palmo plantar hyperkeratosis
- C:-Oxaluria
- D:-Aplastic anemia

Correct Answer:- Option-C

Question62:-Which of the following infection spreads through unpasteurized milk product ?

- A:-Listeriosis
- B:-Syphilis
- C:-Borreliosis
- D:-Toxoplasmosis

Correct Answer:- Option-A

Question63:-Which of the following HIV associated infections is common when `CD_(4)` count in <100 ?

- A:-Herpes Zoster
- B:-Pneumocystis Jiroveci
- C:-Candida
- D:-Mycobacterium Avium Complex

Correct Answer:- Option-D

Question64:-Treatment of choice for re-entrant tachycardia in Wolff Parkinson White Syndrome is

- A:-Amiodarone
- B:-Catheter ablation
- C:-Cardioversion
- D:-Digoxin

Correct Answer:- Option-B

Question65:-A 45 year old chronic alcoholic presented to the casualty two days after complete stoppage of drinking. He has tremors and reports seeing some small animals running around. He appears confused and agitated. His diagnosis is

- A:-Alcoholic hallucinosis
- B:-Delirium tremens
- C:-Wernicke's encephalopathy
- D:-Korsakoff's psychosis

Correct Answer:- Option-B

Question66:-The drug of choice for treatment resistant schizophrenia is

- A:-Clozapine
- B:-Haloperidol
- C:-Risperidone
- D:-Olanzapine

Correct Answer:- Option-A

Question67:-Who coined the word 'Psychiatry' ?

- A:-Philippe Pinel
- B:-Thomas Szaz
- C:-Johann Reil
- D:-William Cullen

Correct Answer:- Option-C

Question68:-Delusion is an abnormality of

A:-Mood

B:-Speech

C:-Perception

D:-Thought

Correct Answer:- Option-D

Question69:-In breech presentation, delivery of the head is by

A:-Flexion

B:-Extension

C:-Extreme flexion and extension

D:-Lateroflexion

Correct Answer:- Option-A

Question70:-Obstetric coagulopathy occurs in all except

A:-Abruptio placenta

B:-Intrauterine death

C:-Post partum haemorrhage

D:-Gestational diabetes mellitus

Correct Answer:- Option-D

Question71:-In ultrasound, T sign is seen in

A:-Dichorionic twins

B:-Monochorionic twins

C:-Conjoint twins

D:-Discordant twins

Correct Answer:- Option-B

Question72:-Clue cells are seen in

A:-Candidial vaginitis

B:-Trichomonal vaginitis

C:-Gardnerella vaginosis

D:-Emphysematous vaginitis

Correct Answer:- Option-C

Question73:-Snail track ulcers in oral mucosa are seen in

A:-Oral lichen planus

B:-Systemic lupus erythematosus

C:-Secondary syphilis

D:-Drug reaction

Correct Answer:- Option-C

Question74:-Montgomery's tubercles on areola of nipples are modified

A:-Sebaceous glands

B:-Eccrine sweat glands

C:-Apocrine sweat glands

D:-Mucous cyst

Correct Answer:- Option-A

Question75:-UVB is light having wavelength between

A:-100-290 nm

B:-290-320 nm

C:-320-400 nm

D:-340-400 nm

Correct Answer:- Option-B

Question76:-Who established the aetiological role of itch mite is scabies ?

A:-Bonomo and cestoni

B:-Coca and Cooke

C:-Carlos Chagas

D:-Besnier

Correct Answer:- Option-A

Question77:-True regarding mammogram

A:-High voltage low amperage X-ray

B:-Radiation exposure is 10 cGy

C:-Sensitivity reduces with age of the patient

D:-5% breast cancers are missed by population based mammography

Correct Answer:- Option-C

Question78:-Which is not a full thickness burns ?

A:-Fat burns

B:-Flame burns

C:-Acid burns

D:-Electrical burns

Correct Answer:- Option-A

Question79:-Which is a specific ulcer ?

A:-Venous ulcer

B:-Apthous ulcer

C:-Dermatitis artefacta

D:-Tuberculous ulcer

Correct Answer:- Option-D

Question80:-Double duct sign in Endoscopic Retrograde Cholangio-Pancreatography is seen in

A:-Chronic calcific pancreatitis

B:-Biliary atresia

C:-Cholangio-carcinoma

D:-Carcinoma gall bladder

Correct Answer:- Option-C

Question81:-Delayed union and non union is common with fractures of the following bone except

A:-Scaphoid

B:-Talus

C:-Intracapsular fracture neck of femur

D:-Calcaneum

Correct Answer:- Option-D

Question82:-Which of the following injuries can be easily missed in the casualty ?

A:-Anterior dislocation hip

B:-Posterior dislocation hip

C:-Anterior dislocation shoulder

D:-Posterior dislocation shoulder

Correct Answer:- Option-D

Question83:-Surgical management is the general rule in which of the following fractures ?

A:-Trochanteric fracture

B:-Neck of humerus fracture

C:-Scaphoid fracture

D:-Intracapsular fracture neck of femur

Correct Answer:- Option-D

Question84:-Closed rupture occurs more commonly in which of the following tendons ?

A:-Flexor pollicis longus

B:-Palmaris longus

C:-Tibialis posterior

D:-Achilles tendon

Correct Answer:- Option-D

Question85:-Where are the uncovertebral joints present in the spine ?

A:-Cervical spine

B:-Thoracic spine

C:-Lumbar spine

D:-Sacral spine

Correct Answer:- Option-A

Question86:-Where in the brain, is the reflex centre for the bladder situated ?

A:-Medulla

B:-Midbrain

C:-Pons

D:-Cerebellum

Correct Answer:- Option-C

Question87:-The typical deformity of a rheumatoid hand include all except

A:-Swan neck deformity

B:-Radial deviation of hand

C:-Ulnar deviation of hand

D:-Boutonnière deformity

Correct Answer:- Option-B

Question88:-The most stable orthosis available for the cervical spine is the

A:-Soft cervical collar

B:-Philadelphia collar

C:-Halo brace

D:-Rigid cervical collar

Correct Answer:- Option-C

Question89:-Which of the following Tumour marker for Ca Colon ?

A:-LDH

B:-CEA

C:-AFP

D:-CA-125

Correct Answer:- Option-B

Question90:-Over expression of JUN oncogene results in

A:-Ca Ovary

B:-Melanoma

C:-Ca Lung

D:-Ca Bladder

Correct Answer:- Option-C

Question91:-Benzene as carcinogen is associated with

A:-AML

B:-NHL

C:-Ca Bladder

D:-Ca Cervix

Correct Answer:- Option-A

Question92:-10 year survival rate involving T_2N_0 for Ca bladder is minimum in

A:- T_2N_0

B:- $T_{3a}N_0$

C:- $T_{3b}N_0$

D:-Any TN_1

Correct Answer:- Option-D

Question93:-PIN INDEX of oxygen is

A:-1, 5

B:-2, 5

C:-3, 5

D:-7

Correct Answer:- Option-B

Question94:-The muscle relaxant of choice in patients with liver disease is

A:-Atracurium

B:-Pancuronium

C:-Rocuronium

D:-d tubo curarine

Correct Answer:- Option-A

Question95:-In patient with normal renal function, oral morphine should be given

A:-8 hourly

B:-6 hourly

C:-4 hourly

D:-2 hourly

Correct Answer:- Option-C

Question96:-The drug that is not indicated in cardiac arrest, according to 2010 guidelines is

A:-Adrenaline

B:-Amiodarone

C:-Vasopressin

D:-Atropine

Correct Answer:- Option-D

Question97:-Which of the following statement about Down syndrome is true ?

A:-The commonest chromosomal cause for Down syndrome to a baby born to a young mother is translocation

B:-If one child is having Down syndrome due to 21; 21 translocation, recurrence risk to the next child of that couple is almost 100%

C:-Nuchal translucency is a parameter measured during second trimester screening

D:-Total number of chromosomes will be only 46 if the cause of Down syndrome is translocation

Correct Answer:- Option-D

Question98:-During neonatal resuscitation, indication for chest compression is heart rate less than 60

A:-at birth

B:-after initial steps of resuscitation

C:-after 30-45 seconds of effective ventilation

D:-after 30-45 seconds of adrenalin administration

Correct Answer:- Option-C

Question99:-Which is not an ophthalmic manifestation expected in a child with measles ?

A:-Koplik spots

B:-Stimson line

C:-Subconjunctival haemorrhage

D:-Corneal ulcer

Correct Answer:- Option-A

Question100:-All are indications for antibiotics in diarrhoeal disorders in children except

A:-Dysentery

B:-Severe dehydration

C:-Cholera

D:-Parenteral diarrhoea

Correct Answer:- Option-B