

# PROVISIONAL ANSWER KEY

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Question1:-Which country shares longest border with India?

- A:-China
- B:-Bangladesh
- C:-Pakistan
- D:-Nepal

Correct Answer:- Option-B

Question2:-Siachen Glacier located in which mountain range

- A:-Satpura
- B:-Aravalli
- C:-Eastern karakoram
- D:-Vindhya

Correct Answer:- Option-C

Question3:-In which Indian state, the tropic of cancer does not passes?

- A:-Maharashtra
- B:-Gujarat
- C:-Rajasthan
- D:-Tripura

Correct Answer:- Option-A

Question4:-Which is the period of 12th five year plan of India?

- A:-2012-2016
- B:-2013-2018
- C:-2011-2016
- D:-2012-2017

Correct Answer:- Option-D

Question5:-The Indian state having the least poverty rate as per the annual report of RBI published on 2013

- A:-Arunachal Pradesh
- B:-Gujarat
- C:-Goa
- D:-Assam

Correct Answer:- Option-C

Question6:-In which year RIN Revolt occurred?

- A:-1946
- B:-1945
- C:-1947
- D:-1930

Correct Answer:- Option-A

Question7:-'Jallian Wala Bagh' is situated in which state

- A:-Orissa
- B:-Punjab
- C:-Bengal
- D:-Bihar

Correct Answer:- Option-B

Question8:-Which among the following rivers in Kerala flows towards west?

- A:-Kabani
- B:-Bhavani
- C:-Pambar
- D:-Periyar

Correct Answer:- Option-D

Question9:-Neolithic cave site of Edakkal is situated in which district of Kerala

- A:-Wayanad

B:-Kannur

C:-Kollam

D:-Idukki

Correct Answer:- Option-A

Question10:-Which is the lowest mountain pass in the western ghats?

A:-Nathula pass

B:-Khyber pass

C:-Palakkad pass

D:-Thamarassery pass

Correct Answer:- Option-C

Question11:-"Jeevitham thanne santhesham" is the biography of which social reformer

A:-Sree Narayana Guru

B:-Poikayil Yohannan

C:-Thycaud Ayya

D:-Chavara Kuriakose Elias

Correct Answer:- Option-D

Question12:-Which among the following not related to Ayyankali?

A:-Sadhu Jana Paripalana Yogam

B:-SNDP

C:-Villuvandi Agitation

D:-Member of Sree Mulam Praja Sabha

Correct Answer:- Option-B

Question13:-Who published the Arabic-Malayalam monthly called Al Islam?

A:-Abdur Rahiman

B:-Ali Musaliyar

C:-Abdul Khadir Moulavi

D:-Sithi Koya Thangal

Correct Answer:- Option-C

Question14:-Which among the following is not the work of Pandit Karuppan?

A:-Jathi Kummi

B:-Veena Poovu

C:-Balakalesam

D:-Cithralekha

Correct Answer:- Option-B

Question15:-Who gave the leadership for Ezhava Memorial in 1896?

A:-Ramakrishna Pillai

B:-Mannathu Padmanabhan

C:-Kumara Guru

D:-Dr. Palpu

Correct Answer:- Option-D

Question16:-Which country will be hosting the 8th BRICS Summit in 2016?

A:-India

B:-China

C:-Brazil

D:-Russia

Correct Answer:- Option-A

Question17:-India's 1st Earthquake warning system installed in which state?

A:-Bihar

B:-Uttarakhand

C:-Orissa

D:-Madhya Pradesh

Correct Answer:- Option-B

Question18:-Who won sixth Wimbledon women's single title 2015?

A:-Serena Williams

B:-Garbine Muguruza

C:-Sania Mirza

D:-Martina Hingis

Correct Answer:- Option-A

Question19:-Who won Vayalar Award 2014?

- A:-Prabha Varma
- B:-K.P. Ramanunni
- C:-Thomas Mathew
- D:-K.R. Meera

Correct Answer:- Option-D

Question20:-"Noolppalam" is the last film of the actor who died on January 2015

- A:-Jose Prakash
- B:-Augustine
- C:-Mala Aravindan
- D:-N.L. Balakrishnan

Correct Answer:- Option-C

Question21:-Of the two bulbs in a house, one glow brighter than the other. Which of two has the higher resistance?

- A:-The bright bulb
- B:-The dim bulb
- C:-Both have same resistance
- D:-Brightness does not depends upon the resistance

Correct Answer:- Option-B

Question22:-In nuclear reactor, cadmium rods are used to control the reaction. Because

- A:-it slow down reaction
- B:-it absorbs neutrons
- C:-it emits neutrons
- D:-it neutralizes the reactor materials

Correct Answer:- Option-B

Question23:-The color of thin film is due to

- A:-interference
- B:-diffraction of light
- C:-reflection of light
- D:-refraction of light

Correct Answer:- Option-A

Question24:-The geo stationery satellite are moving from

- A:-east to west
- B:-north to south
- C:-west to east
- D:-south to north

Correct Answer:- Option-C

Question25:-When a wave travels from one medium to another medium, which of the following quantity remains the same?

- A:-Frequency
- B:-Wavelength
- C:-Velocity
- D:-Intensity

Correct Answer:- Option-D

Question26:-Equimolar solution in the same solvent have

- A:-same boiling point but different freezing point
- B:-same freezing point but different boiling point
- C:-same boiling point and same freezing point
- D:-different boiling point and different freezing point

Correct Answer:- Option-C

Question27:-Which one of the following is not a condensation polymer?

- A:-Terylene
- B:-Neoprene
- C:-Melamine
- D:-Bakelite

Correct Answer:- Option-B

Question28:-The number of octahedral void(s) per atom present in a cubic close packed structure is

- A:-3
- B:-4
- C:-1
- D:-2

Correct Answer:- Option-C

Question29:-Tincture of iodine is

- A:-alcoholic solution of  $I_2$
  - B:-solution of  $I_2$  in aqueous KI
  - C:-aqueous solution of  $I_2$
  - D:-aqueous solution of KI
- Correct Answer:- Option-A

Question30:-Which of the following reaction will not result in the formation of C-C bond?

- A:-Reimer-Tiemann reaction
  - B:-Friedel-Craft's reaction
  - C:-Wurtz reaction
  - D:-Cannizaro reaction
- Correct Answer:- Option-D

Question31:-The fruit which is developed from a Monocarpellary superior ovary is

- A:-Capsule
  - B:-Berry
  - C:-Drupe
  - D:-Pepo
- Correct Answer:- Option-C

Question32:-Which of the following is not a Macronutrient?

- A:-Potassium
  - B:-Nitrogen
  - C:-Calcium
  - D:-Iron
- Correct Answer:- Option-D

Question33:-The responses of plants to periods of day and night is termed as

- A:-Photoperiodism
  - B:-Vernalisation
  - C:-Photosynthesis
  - D:-Respiration
- Correct Answer:- Option-A

Question34:-Natural aging of a lake by nutrient enrichment of its water is called

- A:-Biomagnification
  - B:-Biochemical oxygen demand
  - C:-Eutrophication
  - D:-Algal bloom
- Correct Answer:- Option-C

Question35:-The pioneer species in a terrestrial Xerarch, ecological succession is always

- A:-Moss
  - B:-Lichen
  - C:-Algae
  - D:-Ferns
- Correct Answer:- Option-B

Question36:-'The allelic frequencies of a large population remains constant if there is no selection, migration, mutation and recombination'. This principle is put forward by

- A:-Charles Darwin
  - B:-Hugode Vries
  - C:-Hardy-Weinberg
  - D:-Carl Linnaeus
- Correct Answer:- Option-C

Question37:-Select a stop codon of translation from the following alternatives

- A:-UAA
  - B:-AUG
  - C:-GUA
  - D:-GAU
- Correct Answer:- Option-A

Question38:-The milk produced during the initial few days of lactation is called \_\_\_\_\_.

- A:-Colon
- B:-Colostrum
- C:-Coloumn

D:-Lactating milk

Correct Answer:- Option-B

Question39:-Major protein digesting enzyme present in the pancreatic juice

A:-trypsin

B:-aminopeptidase

C:-pepsin

D:-dipeptidase

Correct Answer:- Option-A

Question40:-Name the disease caused by the deficiency of the hormone insulin.

A:-Diabetes incipidus

B:-Klinefelter's syndrome

C:-Diabetes mellitus

D:-Down's syndrome

Correct Answer:- Option-C

Question41:-Which among the following food item is restricted in renal failure?

A:-Carbohydrate

B:-Fat

C:-Protein

D:-Vitamins

Correct Answer:- Option-C

Question42:-The blood test to be monitored in patients receiving oral anticoagulants is

A:-Prothrombin time

B:-APTT

C:-Platelets

D:-WBC count

Correct Answer:- Option-A

Question43:-The antidote of paracetamol is

A:-Cyclosporin

B:-N-acetylcysteine

C:-Cyclophosphamide

D:-Diclofenac

Correct Answer:- Option-B

Question44:-The type of shock occurs in the acute stage of burns is

A:-Anaphylactic shock

B:-Septic shock

C:-Distributive shock

D:-Hypovolemic shock

Correct Answer:- Option-D

Question45:-The type of stroke that can develop in a patient with chronic atrial fibrillation is

A:-Haemorrhagic stroke

B:-Thrombotic stroke

C:-Embolic stroke

D:-Mini stroke

Correct Answer:- Option-C

Question46:-Which of the following drug is not used in the management of hyperkalemia?

A:-Calcium gluconate

B:-Salbutamol

C:-Sodium bicarbonate

D:-Atropine sulphate

Correct Answer:- Option-D

Question47:-The intraocular pressure is measured by using

A:-Tonometer

B:-Ophthalmoscope

C:-Snellen's chart

D:-Endoscopy

Correct Answer:- Option-A

Question48:-The position provided to a client after tonsillectomy is

A:-Supine position

B:-Fowler's position

C:-Trendelenberg position

D:-Left lateral position

Correct Answer:- Option-D

Question49:-Short shuffling gait is characteristically seen in

A:-Alzheimer's disease

B:-Parkinson's disease

C:-Multiple sclerosis

D:-Myasthenia gravis

Correct Answer:- Option-B

Question50:-Which among the following is not included in Cushing's triad?

A:-Hyperthermia

B:-Bradypnea

C:-Bradycardia

D:-Widened pulse pressure

Correct Answer:- Option-A

Question51:-Which lab test is to be monitored while the client is on treatment with aminoglycosides?

A:-Haemoglobin

B:-S. bilirubin

C:-S. creatinine

D:-Platelets

Correct Answer:- Option-C

Question52:-Expansion of PPE

A:-Patient Protective Environment

B:-Personal Protective Equipment

C:-Personal Protective Environment

D:-Primary Protective Equipment

Correct Answer:- Option-B

Question53:-Order of hand washing is

A:-back of hand, wrist, palm

B:-wrist, palm, back of hand

C:-palm, wrist, back of hand

D:-palm, back of hand, wrist

Correct Answer:- Option-D

Question54:-A specific mask used for preventing "H<sub>1</sub>N<sub>1</sub>" is

A:-Venturi mask

B:-Rebreather mask

C:-HEPA mask

D:-Face mask

Correct Answer:- Option-C

Question55:-Contact precautions are used in caring a patient with

A:-Dengue

B:-Tetanus

C:-Pneumonia

D:-MRSA

Correct Answer:- Option-D

Question56:-The drug that should only be administered in diluted form is

A:-Sodium bicarbonate

B:-Potassium chloride

C:-Sodium chloride

D:-Calcium gluconate

Correct Answer:- Option-B

Question57:-Which is the preferred method of opening the airway of an unconscious patient who may have suffered a neck injury?

A:-Head tilt, chin lift

B:-Chin lift

C:-Jaw thrust

D:-Extension of neck

Correct Answer:- Option-C

Question58:-The most lethal arrhythmia is

- A:-Ventricular fibrillation
  - B:-Atrial tachycardia
  - C:-Sinus arrhythmia
  - D:-Supra ventricular tachycardia
- Correct Answer:- Option-A

Question59:-Malignant tumour of the connective tissue is

- A:-Sarcoma
- B:-Carcinoma
- C:-Osteoma
- D:-Melanoma

Correct Answer:- Option-A

Question60:-Synchronizer switch is in off position in

- A:-Cardioversion
- B:-Pacing
- C:-Defibrillation
- D:-Intubation

Correct Answer:- Option-C

Question61:-The oncogenes which are present in cancer of breast is

- A:-CEA
- B:-PSA
- C:-BRCA
- D:-AlphaFP

Correct Answer:- Option-C

Question62:-The position given to a patient with increased intra cranial pressure is

- A:-Head end elevated to 45°
- B:-Propped up position
- C:-Supine position
- D:-Head end elevated to 30°

Correct Answer:- Option-D

Question63:-Electro convulsive therapy was first introduced by

- A:-Moniz and Lima
- B:-Cerletti and Bini
- C:-Fraud and Jung
- D:-Meduna and Paracelsus

Correct Answer:- Option-B

Question64:-Agoraphobia is a dread of

- A:-Strong light
- B:-Strangers
- C:-Open places
- D:-Pain

Correct Answer:- Option-C

Question65:-Which of the following is not a defense mechanism?

- A:-Rationalisation
- B:-Inhibition
- C:-Sublimation
- D:-Displacement

Correct Answer:- Option-B

Question66:-Electro convulsive therapy is contraindicated in

- A:-Parkinsonism
- B:-Hyper tension
- C:-Pregnancy
- D:-Increased intracranial pressure

Correct Answer:- Option-D

Question67:-Chlorpromazine is usually not administered intravenously as it can cause serious

- A:-Dystonia
- B:-Tremors
- C:-Cerebral oedema
- D:-Hypotension

Correct Answer:- Option-D

Question68:-Who coined the term 'Schizophrenia'?

- A:-Kraepelin
- B:-Sander
- C:-Bleuler
- D:-Mayer Gross

Correct Answer:- Option-C

Question69:-Most common post operative psychiatric condition is

- A:-Depression
- B:-Schizophrenia
- C:-Mania
- D:-Delirium

Correct Answer:- Option-D

Question70:-Tardive dyskinesia is a

- A:-side effect of anti psychotics
- B:-cause of dementia
- C:-psychosomatic disorder
- D:-cause of mania

Correct Answer:- Option-A

Question71:-Which type of hallucinations are common in schizophrenia?

- A:-visual
- B:-tactile
- C:-olfactory
- D:-auditory

Correct Answer:- Option-D

Question72:-Delusion is a disorder of

- A:-Perception
- B:-Thought
- C:-Orientation
- D:-Memory

Correct Answer:- Option-B

Question73:-Red current jelly stool is seen in

- A:-Volvulus
- B:-Intususception
- C:-Malabsorption
- D:-Meckel's diverticulum

Correct Answer:- Option-B

Question74:-Birth weight of a child triples by

- A:-one year
- B:-six months
- C:-one and a half years
- D:-two years

Correct Answer:- Option-A

Question75:-Which is the drug used for the closure of PDA?

- A:-Dopamine
- B:-Phenobarbitone
- C:-Indomethacine
- D:-Immunoglobulin

Correct Answer:- Option-C

Question76:-Which is the predisposing condition for the occurrence of rheumatic fever in children?

- A:-Pharyngitis
- B:-Otitismedia
- C:-Rhinitis
- D:-Chondritis

Correct Answer:- Option-A

Question77:-Surgical intervention for hydrocephalus is

- A:-BT shunt
- B:-Glen shunt
- C:-Bidirectional shunt
- D:-VP shunt



Correct Answer:- Option-D

Question78:-Which of the following vitamin deficiency causes Wernicke Korsakoff syndrome?

A:-Vitamin `B\_1`

B:-Vitamin `B\_2`

C:-Vitamin `B\_3`

D:-Vitamin `B\_6`

Correct Answer:- Option-A

Question79:-Gomez classification is used to grade the condition of children in

A:-Respiratory distress

B:-Protein energy malnutrition

C:-Prematurity

D:-Cardiac disorders

Correct Answer:- Option-B

Question80:-Projectile vomiting is a clinical feature of which gastro intestinal condition?

A:-Tracheo esophageal fistula

B:-Cleft lip and palate

C:-Pyloric stenosis

D:-Ano rectal malformation

Correct Answer:- Option-C

Question81:-The test used to detect hip instability is

A:-Barlow's test

B:-Weber test

C:-Phalan test

D:-Alen test

Correct Answer:- Option-A

Question82:-Which vitamin deficiency in antenatal period is associated with congenital neural tube defects?

A:-Vitamin K

B:-Vitamin D

C:-Thiamine

D:-Folic acid

Correct Answer:- Option-D

Question83:-The number of doses of vitamin A syrup, a five year old child does receive?

A:-Seven

B:-Eight

C:-Nine

D:-Ten

Correct Answer:- Option-C

Question84:-The World Health Day theme for 2014 is

A:-small bite, big threat

B:-safe blood for saving mothers

C:-progress on drinking water and sanitation

D:-healthy blood pressure, aging and health

Correct Answer:- Option-A

Question85:-Which of the following clinic is conducted in Primary Health Centre under NRHM for life style diseases?

A:-NCD clinic

B:-Diabetic clinic

C:-Hypertensive clinic

D:-Pain and palliative clinic

Correct Answer:- Option-A

Question86:-Which of the following vaccination is recently recommended for adolescent girls?

A:-Tetanus toxoid

B:-Rubella vaccine

C:-Penta vaccine

D:-MMR vaccine

Correct Answer:- Option-B

Question87:-Mr. X is undergoing chest physiotherapy after CABG. Which of the following levels of prevention it illustrates?

A:-Primordial

B:-Primary

C:-Secondary

D:-Tertiary

Correct Answer:- Option-D

Question88:-Which of the following activities carried out at the PHC level for the prevention and control of vector borne diseases?

A:-Source reduction

B:-Mass treatment

C:-DOTS therapy

D:-DEC treatment

Correct Answer:- Option-A

Question89:-The life span of a sperm is

A:-12 to 24 hours

B:-48 to 72 hours

C:-0 to 12 hours

D:-24 to 48 hours

Correct Answer:- Option-B

Question90:-The volume of amniotic fluid at term is

A:-100 to 200 ml

B:-300 to 500 ml

C:-600 to 800 ml

D:-50 to 100 ml

Correct Answer:- Option-C

Question91:-Softening of cervix during pregnancy is

A:-Oslander's sign

B:-Goodell's sign

C:-Chadwick's sign

D:-Chvostek's sign

Correct Answer:- Option-B

Question92:-Immediate/most common complication of third stage of labour is

A:-bleeding

B:-shock

C:-sub involution

D:-perforation

Correct Answer:- Option-A

Question93:-Biochemical marker of preeclampsia is

A:-Proteinuria

B:-S. uric acid

C:-S. creatinine

D:-S. sodium

Correct Answer:- Option-B

Question94:-Regular rhythmic uterine contraction elicited during bimanual examination is

A:-Piskacak's sign

B:-Jacqmer's sign

C:-Heger's sign

D:-Palmer's sign

Correct Answer:- Option-D

Question95:-Dark brown colour of amniotic fluid indicates

A:-Post maturity

B:-Intra uterine death

C:-Rh incompatibility

D:-Accidental hemorrhage

Correct Answer:- Option-B

Question96:-A thin fibrous ring present at the margin of the chorionic plate is

A:-Placenta succentrata

B:-Placenta circumvallate

C:-Placenta marginata

D:-Velamentous insertion

Correct Answer:- Option-C

Question97:-Active foetal movement felt by the mother is

A:-Quickening

B:-Lightening

C:-Ballotment

D:-Softening

Correct Answer:- Option-A

Question98:-The term 'saturated and unsaturated fats' are related to degree of

A:-Digestability

B:-Taste

C:-Colour

D:-Density

Correct Answer:- Option-D

Question99:-After a thoracentesis, observe the client for

A:-periods of confusion

B:-increased breath sounds

C:-expectoration of blood

D:-decreased respiratory rate

Correct Answer:- Option-C

Question100:-A client is receiving aminophylline intravenously to relieve severe asthma. Observe the client for

A:-Visual disturbances

B:-Hypotension

C:-Decreased pulse rate

D:-Decreased urinary output

Correct Answer:- Option-B