

PROVISIONAL ANSWER KEY

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Question1:-Who wrote the famous article 'Poura Samatva Vadam' in 1918 for promoting civic rights agitation in Travancore ?

- A:-K. Kelappan
- B:-T. K. Madhavan
- C:-Muhammed Yusuf Thangal
- D:-John Nidhiri

Correct Answer:- Option-B

Question2:-Which among the social reformer had introduced holy bath in the well called 'Muttiripatham' ?

- A:-Vaikunda Swamikal
- B:-Thycaud Aiya
- C:-Ramana Maharshi
- D:-Ayyankali

Correct Answer:- Option-A

Question3:-Who wrote the Vayalar Award (2017 winning novel 'Sugandhi Enna Andal Devanayaki' ?

- A:-T. D. Ramakrishnana
- B:-K. P. Ramanunni
- C:-Benyamin
- D:-Punathil Kunhabdulla

Correct Answer:- Option-A

Question4:-Who was the first Anglo Indian Adhikari at Thangasseri during the British period ?

- A:-John D'costa
- B:-Dr. Bishop Jerome
- C:-John Neves Fernandez
- D:-Richard Netto Franky

Correct Answer:- Option-C

Question5:-Which among the following was a street play ?

- A:-Thadankal Palayam
- B:-Nadugadhika
- C:-Devadasi
- D:-Althara

Correct Answer:- Option-B

Question6:-Which Christian Missionary was responsible for the establishment of CMS press at Kottayam ?

- A:-Benjamin Bailey
- B:-Samuel Mateer
- C:-Herman Gundert
- D:-Charles Mead

Correct Answer:- Option-A

Question7:-Who was the father of Renaissance Movement in Kerala ?

- A:-Sree Narayana Guru
- B:-Chattambi Swamikal
- C:-Vakkom Abdul Qadhir Moulavi
- D:-Ram Mohan Roy

Correct Answer:- Option-A

Question8:-Who wrote the poem, "Veenapoovu" ?

- A:-Kumaranasan
- B:-O.N.V. Kurup
- C:-Changampuzha Krishna Pillai
- D:-Vayalar Rama Varma

Correct Answer:- Option-A

Question9:-Who wrote the book 'Unhappy India' ?

- A:-C. Rajagopalachari
 - B:-Bala Gangadhar Tilak
 - C:-Jawahar Lal Nehru
 - D:-Lala Lajpath Rai
- Correct Answer:- Option-D

Question10:-Which Indian Viceroy said, "Judge me by my acts and not my words" ?

- A:-Lord Curzon
 - B:-Lord Lytton
 - C:-Lord Mayo
 - D:-Lord Rippon
- Correct Answer:- Option-D

Question11:-"No Caste, No Religion, No God for Man" was the slogan of

- A:-Vaikunda Swamikal
 - B:-Thykatu Ayya Swami
 - C:-K. Ayyappan
 - D:-Sree Narayan Guru
- Correct Answer:- Option-C

Question12:-Which among the following was known as the 'Magna Carta of English Education in India' ?

- A:-Minutes of Macaulay
 - B:-Wood's Despatch
 - C:-Sadler Commission
 - D:-Hunter Commission
- Correct Answer:- Option-B

Question13:-

Rajagopalachari Formula was in

- A:-1929
 - B:-1934
 - C:-1944
 - D:-1943
- Correct Answer:- Option-C

Question14:-Manjampothikkunnu is situated in

- A:-Payyannor
 - B:-Kanhangad
 - C:-Wynad
 - D:-Thenmala
- Correct Answer:- Option-B

Question15:-Who was known as 'the faint – hearted moderate' ?

- A:-Dadabai Navroji
 - B:-Firoz Shah Mehta
 - C:-Gopala Krishna Gokhale
 - D:-Surendranath Banerjee
- Correct Answer:- Option-C

Question16:-'Theory of Safety Valve' was associated with

- A:-INA
 - B:-IUML
 - C:-INC
 - D:-SUCI
- Correct Answer:- Option-C

Question17:-The first Indian to win the Pritzker prize in 2018

- A:-Nagaraja Chettiyar
 - B:-Arunachalam Pandhyan
 - C:-Kanakaraj Malhotra
 - D:-Balakrishna Doshi
- Correct Answer:- Option-D

Question18:-Who was the winner of the Australian Grand Prix - 2018 ?

- A:-Raphel Nadal
- B:-Sebastian Vettel
- C:-Gagan Narang

D:-George Woodcock

Correct Answer:- Option-B

Question19:-The athlete who enter into the 400 meters final in the Commonwealth Games after Milkha Singh in 1958

A:-Renjith Maheswari

B:-K.T. Irfan

C:-Deen Dayal Pandey

D:-Mohammed Anas Yahiya

Correct Answer:- Option-D

Question20:-Karattu Govinda Menon was popularly known as

A:-Chinmayananda Swami

B:-Vagbhadanandan

C:-Ananda Theerthan

D:-Brahmananda Sivayogi

Correct Answer:- Option-D

Question21:-In optical fibre cables the transmission of light is by the process of

A:-Polarisation

B:-Total internal reflection

C:-Diffraction

D:-Refraction

Correct Answer:- Option-B

Question22:-Who invented thermometer ?

A:-Galilio Galili

B:-Albert Einstein

C:-Kelvin

D:-James Watt

Correct Answer:- Option-A

Question23:-Before the main shock of earthquake animals appear to be irritated. This is due to a special type of sound waves produced at that time. Such waves are

A:-Ultrasonic waves

B:-Audible sound waves

C:-Infrasonic waves

D:-None of the above

Correct Answer:- Option-C

Question24:-Which is the strongest force in nature ?

A:-Magnetic force

B:-Electric force

C:-Nuclear force

D:-Gravitational force

Correct Answer:- Option-C

Question25:-Which one of the following electronic component is the essential part of a voltage regulator ?

A:-Zener diode

B:-LED

C:-LCD

D:-Transistor

Correct Answer:- Option-A

Question26:-Find the odd one out.

A:-Force

B:-Mass

C:-Time

D:-Temperature

Correct Answer:- Option-A

Question27:-The electromagnetic radiations emitted from mobile phones are

A:-X-ray

B:-Radio frequency wave

C:-`gamma`-ray

D:-None of the above

Correct Answer:- Option-B

Question28:-If raw egg along with a shell is placed in a microwave oven which among the following is most likely happen ?

A:-The egg shell changes in colour

B:-The egg will get cooked slowly as usual

C:-The egg will not get warmed

D:-The egg shell will explode

Correct Answer:- Option-D

Question29:-The three states of water are ice, water and water vapour. Which one of them has lowest density ?

A:-Ice

B:-Water

C:-Water vapour

D:-All of them have same density

Correct Answer:- Option-C

Question30:-Joule/second is nothing but

A:-Ampere

B:-Coulomb

C:-Calory

D:-Watt

Correct Answer:- Option-D

Question31:-The United Nations General Assembly declared the year 2010 as the International year for conservation of

A:-Soil

B:-Water

C:-Biodiversity

D:-Agriculture

Correct Answer:- Option-C

Question32:-Name the vector that transmit the disease Malaria

A:-Female anopheles mosquito

B:-Aedes

C:-Female culex mosquito

D:-Male anopheles mosquito

Correct Answer:- Option-A

Question33:-In India which state's High Court declared the holy rivers Ganga and Yamuna having same status of a legal person with all corresponding rights, duties and liabilities of a living person ?

A:-Andra Pradesh

B:-Madhya Pradesh

C:-Uttarakhand

D:-Sikkim

Correct Answer:- Option-C

Question34:-World Day of Migratory Birds

A:-April 30

B:-May 12

C:-April 18

D:-May 11

Correct Answer:- Option-B

Question35:-Which of the following is not a primary green house gas present in Earth's atmosphere ?

A:-Water vapour

B:-Nitrous oxide

C:-Carbon monoxide

D:-Carbon dioxide

Correct Answer:- Option-C

Question36:-Dolphins breath by swimming on the surface of water and inhaling fresh air. Name the respiratory organ of Dolphin.

A:-Lungs

B:-Skin

C:-Gills

D:-Gill slits

Correct Answer:- Option-A

Question37:-India's first organic state

A:-Andra Pradesh

B:-West Bengal

C:-Karnataka

D:-Sikkim

Correct Answer:- Option-D

Question38:-The bacteria Rhizobium found in root nodules of legumes to fix atmospheric

A:-Nitrogen

B:-Oxygen

C:-Carbon Dioxide

D:-Phosphorus

Correct Answer:- Option-A

Question39:-Which of the among is a Vitamin deficiency disease ?

A:-Acromegaly

B:-Dwarfism

C:-Beriberi

D:-Goitre

Correct Answer:- Option-C

Question40:-Among the following hormones find out the plant hormone.

A:-Melatonin

B:-Gibberellin

C:-Thymosin

D:-Glucagon

Correct Answer:- Option-B

Question41:-If a child has to be immunised with two live vaccines

A:-It should be given at an interval of 3 weeks

B:-It should be given in the same hand

C:-It should be mixed in a syringe and given

D:-It should be at an interval of 1 week

Correct Answer:- Option-A

Question42:-Aim of Swachh Bharat Abhyan

A:-Eradication of poverty by 2019

B:-Eradication of open defecation by 2019

C:-Eradication of poverty by 2018

D:-Eradication of open defecation by 2018

Correct Answer:- Option-B

Question43:-Purest water in nature

A:-Ground water

B:-Surface water

C:-Rain

D:-Stream

Correct Answer:- Option-C

Question44:-Sanitary well should be

A:-Located not less than 15 metres from source of contamination

B:-Located 50 metres away from source of contamination

C:-Located 50 feet away from source of contamination

D:-Located 15 feet away from source of contamination

Correct Answer:- Option-A

Question45:-This year's World Health Day theme is

A:-Depressionlet's talk

B:-Universal health coverage

C:-Beat plastic pollution

D:-Wanted leaders for a TB free world

Correct Answer:- Option-B

Question46:-Diseases which are naturally transmitted between vertebrate animals and man is called

A:-Epidemic

B:-Zoonosis

C:-Endemic

D:-Nosocomial infection

Correct Answer:- Option-B

Question47:-According to census 2011, definition of urban area include all except

A:-A minimum population of 5000

B:-At least 75% of males engaged in non-agricultural work

C:-Density of population is at least 400 persons per sq.km.

D:-A minimum population of 3000

Correct Answer:- Option-D

Question48:-Open Vial Policy is applicable to all except

A:-DPT

B:-TT

C:-BCG

D:-Pentavalent vaccine

Correct Answer:- Option-C

Question49:-Which country is hosting World Environment Day 2018 ?

A:-India

B:-Brazil

C:-Russia

D:-Australia

Correct Answer:- Option-A

Question50:-Under Acute Flaccid Paralysis (AFP) surveillance stool samples should be collected within

A:-24-48 hours

B:-Within 24 hours

C:-Within 72 hours

D:-Within 2 days

Correct Answer:- Option-A

Question51:-The minimum recommended concentration of free residual chlorine is

A:-1 mg/l for one hour

B:-0.5 mg/l for half hour

C:-1 mg/l for half hour

D:-0.5 mg/l for one hour

Correct Answer:- Option-D

Question52:-All are correct about boiling of water except

A:-Rolling boil for 10-20 minutes

B:-Removes temporary hardness

C:-Taste of water altered

D:-It offers residual protection

Correct Answer:- Option-D

Question53:-All are true about zero dose OPV except

A:-Two drops of OPV is given

B:-Can be given within the first 15 days

C:-It is given orally

D:-OPV is given after diluting with sterile water

Correct Answer:- Option-D

Question54:-Concurrent disinfection is

A:-Application of disinfective measures as soon as infectious material discharged from the body

B:-Application of disinfective measures after patient is removed

C:-Application of prophylactic disinfection of water

D:-Application of sterilization procedure

Correct Answer:- Option-A

Question55:-The most common greenhouse gas which is contributing to global warming is

A:-Methane

B:-Carbon dioxide

C:-Fluorocarbons

D:-Nitrous oxide

Correct Answer:- Option-B

Question56:-Soiling index is used to measure

A:-Radioactive pollution

B:-Soil pollution

C:-Air pollution

D:-Water pollution

Correct Answer:- Option-C

Question57:-Exclusive breast feeding should be given

A:-Upto 4 months

B:-Upto 6 months

C:-Upto 1 year

D:-Upto 8 months

Correct Answer:- Option-B

Question58:-Supplementary nutrition provided by anganwadi for a 1 year old child is

A:-500 calories and 12-15 gm protein

B:-800 calories and 20-25 gm protein

C:-600 calories and 18-20 gm protein

D:-400 calories and 16-18 gm protein

Correct Answer:- Option-A

Question59:-How many days anganwadi provide supplementary nutrition in a year ?

A:-100

B:-200

C:-365

D:-300

Correct Answer:- Option-D

Question60:-As per national programme, pregnant women should get iron and folic acid tablet for how many days ?

A:-70

B:-200

C:-100

D:-90

Correct Answer:- Option-C

Question61:-Till what age can a child be given OPV ?

A:-3 yrs.

B:-5 yrs.

C:-1 $\frac{1}{2}$ yrs.

D:-2 yrs.

Correct Answer:- Option-B

Question62:-In case of malaria surveillance, annual blood examination should be

A:-5% of population/year

B:-10% of the population/year

C:-2% of population/year

D:-15% of the population/year

Correct Answer:- Option-B

Question63:-Local wound treatment in animal bite cases can reduce chances of developing rabies by up to

A:-50%

B:-80%

C:-100%

D:-60%

Correct Answer:- Option-B

Question64:-What percentage of under five mortality is constituted by measles ?

A:-5%

B:-10%

C:-2%

D:-4%

Correct Answer:- Option-C

Question65:-All are correct about AFP (Acute Flaccid Paralysis) except

A:-Finding and reporting children with AFP under 15 yrs

B:-Two specimens of stool taken should reach the lab within 72 hrs

C:-Identify which of the three serotypes

D:-Mapping the virus to identify source of importation

Correct Answer:- Option-C

Question66:-Following are correct about Aedes aegypti except

A:-Highly domesticated and strongly anthropophilic

B:-Nervous feeder

C:-Able to replicate the virus and transmit the virus to another host

D:-Concordant species

Correct Answer:- Option-D

Question67:-Chlorine acts best as a disinfectant when pH of water is around

A:-7

B:-8

C:-6

D:-9

Correct Answer:- Option-A

Question68:-A plague outbreak can occur when the cheopis index is

A:->1

B:-<1

C:->10

D:->50

Correct Answer:- Option-A

Question69:-All are true about scrub typhus except

A:-Causative agent is rickettsia tsutsugamushi

B:-Reservoir is trombiculid mite

C:-Weil Felix reaction is confirmatory

D:-Typical feature is eschar

Correct Answer:- Option-C

Question70:-Following diseases makes largest contribution towards mortality and morbidity due to noncommunicable diseases except

A:-Diabetes

B:-Chronic liver diseases

C:-Cancer

D:-Cardiovascular disease

Correct Answer:- Option-B

Question71:-All the following diseases are considered as iceberg disease except

A:-Hypertension

B:-Diabetes

C:-Anaemia

D:-Kidney disease

Correct Answer:- Option-D

Question72:-Body mass index is calculated by

A:-Weight (kg)/height (cm)

B:-Weight (kg)/height (m)

C:-Weight (kg)/` height^(2)` (m)

D:-Weight (kg)/` height^(2)` (cm)

Correct Answer:- Option-C

Question73:-All are critical determinants of an FRU (First Referral Unit) except

A:-Availability of surgical intervention

B:-New born care

C:-Blood storage facility

D:-Safe abortion services

Correct Answer:- Option-D

Question74:-Instrument used to measure chlorine demand of well water is

A:-Berkefeld

B:-Horrock's

C:-Pasteurchamberland

D:-Katadyn

Correct Answer:- Option-B

Question75:-What is early registration of pregnancy ?

A:-Registering before 20 weeks

B:-Before 6 weeks

C:-Before 24 weeks

D:-Before 12 weeks

Correct Answer:- Option-D

Question76:-Which gas is known as swamp gas ?

A:-Chlorofluorocarbons

B:-Nitrous oxide

C:-Carbon dioxide

D:-Methane

Correct Answer:- Option-D

Question77:-Under PFA Act at production level, iodine content of salt should be

- A:-10 ppm
- B:-50 ppm
- C:-30 ppm
- D:-15 ppm

Correct Answer:- Option-C

Question78:-The process of preventing nutrient lose from rice is

- A:-Puffing
- B:-Parboiling
- C:-Germinating
- D:-Sprouting

Correct Answer:- Option-B

Question79:-Global hand washing day is celebrated on

- A:-Oct. `15^(th)`
- B:-Nov. `15^(th)`
- C:-June `5^(th)`
- D:-June `14^(th)`

Correct Answer:- Option-A

Question80:-Satisfactory water is which contain

- A:-1-3 coliform/100 cc water
- B:-No coliform/100 cc
- C:-4-10 coliform/100 cc
- D:->10 coliform/100 cc

Correct Answer:- Option-A

Question81:-To disinfect 1000 litres of water bleaching powder required is

- A:-1.5 gm
- B:-3.5 gm
- C:-2.5 gm
- D:-5 gm

Correct Answer:- Option-C

Question82:-All are names of biological method of composting except

- A:-Bangalore method
- B:-Anaerobic method
- C:-Aerobic method
- D:-Hot fermentation method

Correct Answer:- Option-C

Question83:-'Hidden hunger' is

- A:-Micronutrient deficiency
- B:-Protein malnutrition
- C:-Energy malnutrition
- D:-Vitamin B1 deficiency

Correct Answer:- Option-A

Question84:-For drinking purpose the water required/day is

- A:-2 lit./day
- B:-5 lit./day
- C:-1 lit./day
- D:-2.5 lit./day

Correct Answer:- Option-A

Question85:-The normal dose of chlorine does not affect which of the following organism ?

- A:-HIV
- B:-Salmonella
- C:-Polio
- D:-Shigella

Correct Answer:- Option-C

Question86:-Nov. `19^(th)` is celebrated as

- A:-World Toilet Day
- B:-World Water Day
- C:-World Health Day
- D:-World Diabetes Day

Correct Answer:- Option-A

Question87:-In India, food standards are based on

- A:-The Agmark Standards
- B:-PFA Standards
- C:-Standards of Codex Alimentaries
- D:-Bureau of Indian Standards

Correct Answer:- Option-C

Question88:-The Sun Protection Factor (SPF) which should be present in a good sunscreen ointment is

- A:-10
- B:-15
- C:-20
- D:-25

Correct Answer:- Option-B

Question89:-The sequence of steps to be followed in a cardiac emergency

- A:-Airway-breathing-circulation
- B:-Breathing-airway-circulation
- C:-Circulation-breathing-airway
- D:-Circulation-airway-breathing

Correct Answer:- Option-D

Question90:-Ortho-toluidine arsenate test is used to determine

- A:-Iron in water
- B:-Free and combined chlorine
- C:-Nitrites
- D:-Manganese

Correct Answer:- Option-B

Question91:-What is the depth of compression while doing CPR (Cardiopulmonary Resuscitation) ?

- A:-5 cm
- B:-4 cm
- C:-4.5 cm
- D:-3.5 cm

Correct Answer:- Option-A

Question92:-Which organisms causes sleeping sickness ?

- A:-Lice
- B:-Rat flea
- C:-Black fly
- D:-Tsetse fly

Correct Answer:- Option-D

Question93:-All are true in case of 'problem village' except

- A:-Water at a distance of 1.6 kilometers
- B:-Water is exposed to risk of cholera
- C:-Water available at a depth of more than 10 metres
- D:-Water has excess iron and heavy metals

Correct Answer:- Option-C

Question94:-All are true about biological oxygen demand except

- A:-Temperature should be 20°C
- B:-Most important test on sewage
- C:-It take 5 days for the test
- D:-Value range between 300-400 mg/l

Correct Answer:- Option-D

Question95:-The modern method of sewage purification is

- A:-Activated sludge process
- B:-Trickling filter process
- C:-Sludge digestion chamber process
- D:-Grit chamber process

Correct Answer:- Option-A

Question96:-Chlorine will not kills all the following organisms except

- A:-Polio
- B:-Viral hepatitis
- C:-Spore

D:-E.Coli

Correct Answer:- Option-D

Question97:-Name the disease which is 100% fatal but 100% preventable

A:-HIV

B:-Rabies

C:-Malaria

D:-Measles

Correct Answer:- Option-B

Question98:-All are true about measles vaccine except

A:-Live attenuated vaccine

B:-Reconstituted vaccine should be stored at 2-8°

C:-Diluent also should be frozen

D:-Reconstituted vaccine should be used within 4 hours

Correct Answer:- Option-C

Question99:-Endemic fluorosis can occur when fluorine content of drinking water is

A:-> 3-5 mg/L

B:-0.5-0.8 mg/L

C:-< 0.5-0.8 mg/L

D:-< 3-5 mg/L

Correct Answer:- Option-D

Question100:-National Deworming Day is on

A:-Dec. `1^(st)`

B:-Feb. `10^(th)`

C:-Nov. `1^(st)`

D:-Aug. `1^(st)`

Correct Answer:- Option-B