

# PROVISIONAL ANSWER KEY

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Question1:-In the case of chemical change what is generally affected

- A:-Neutron
- B:-Nucleus
- C:-Proton
- D:-Electron

Correct Answer:- Option-D

Question2:-Einstein's formula of mass-energy relation is

- A:- $E = mc^2$
- B:- $E = (mc)^2$
- C:- $M^2 \cdot c$
- D:- $E = Mc$

Correct Answer:- Option-A

Question3:-Which of the following allow the electric current to pass through it ?

- A:-Glass
- B:-Graphite
- C:-Rubber
- D:-Bakelite

Correct Answer:- Option-B

Question4:-Electric transformer is used to

- A:-Filter current
- B:-Regulate current
- C:-Change voltage
- D:-Serve as fuse

Correct Answer:- Option-C

Question5:-Astronomical unit is related to

- A:-The distance between sun and earth
- B:-The distance between sun and moon
- C:-The distance between moon and earth
- D:-None of the above

Correct Answer:- Option-A

Question6:-Carbon, Diamond, Graphite are together called

- A:-Allotropes
- B:-Isomers
- C:-Isomorphs
- D:-Isotopes

Correct Answer:- Option-A

Question7:-Of the following the best conductor of electricity is

- A:-Aluminium
- B:-Silver
- C:-Copper
- D:-Gold

Correct Answer:- Option-B

Question8:-Which instrument is used to measure electric current ?

- A:-Rheostat
- B:-Electrometer
- C:-Voltmeter
- D:-Ammeter

Correct Answer:- Option-D

Question9:-Drinking soda is

- A:-Alkaline
- B:-Acidic
- C:-Neutral
- D:-Oxidant

Correct Answer:- Option-B

Question10:-S.I. unit of temperature is

- A:-Joule
- B:-Celsius
- C:-Kelvin
- D:-Fahrenheit

Correct Answer:- Option-C

Question11:-If 15 apples and 20 oranges cost as much as 20 apples and 15 oranges, which of the following conclusions is correct.

- A:-Orange and apples have identical prices
- B:-Orange's price is double that of apple
- C:-Non conclusion can be drawn
- D:-Apple is cheaper than orange

Correct Answer:- Option-A

Question12:-Find out the missing number in the series

4    8    20  
9    3    13  
6    6    ?

- A:-29
- B:-13
- C:-18
- D:-20

Correct Answer:- Option-C

Question13:-In a class, Ann's rank is 15<sup>th</sup> from the top and 21<sup>th</sup> from the bottom. How many students are there in the class ?

- A:-31
- B:-36
- C:-35
- D:-None of these

Correct Answer:- Option-C

Question14:-If P is the husband of Q and R is the mother of S and Q. What is R to P ?

- A:-Mother
- B:-Sister
- C:-Aunt
- D:-Mother in law

Correct Answer:- Option-D

Question15:-If BOY is Coded as ACNPXZ, what would be the code for LIFE ?

- A:-KMHJEGDF
- B:-LMGHEGDF
- C:-LMHJGEFD
- D:-None of these

Correct Answer:- Option-A

Question16:-A, B, C, D and E are 5 Boys, A is shorter than B, but longer than E. C is the longest and D is little shorter than B and a little longer than A which comes in the middle according to size

- A:-A
- B:-B
- C:-C
- D:-D

Correct Answer:- Option-D

Question17:-If the following members are written in the ascending order, then what will be the middle digit of the middle term ?

815, 686, 795, 835, 765, 822, 719

- A:-8
- B:-1
- C:-3
- D:-9

Correct Answer:- Option-D

Question18:-In an examination 40% of the students fail in Math's, 30% in English and 15% in both. Find the pass percentage

A:-50%

B:-65%

C:-30%

D:-45%

Correct Answer:- Option-D

Question19:-What angle will the two hands of a clock make at 6.20 a.m. ?

A:-60°

B:-70°

C:-75°

D:-45°

Correct Answer:- Option-B

Question20:-Facing to South Juan turns in certain ways, which of the following turns will not lead him to the same side ?

A:-left, left, right, left, left, right

B:-left, left, left, right, right, right

C:-left, right, left, right, left, right

D:-right, left, right, left, right, left

Correct Answer:- Option-A

Question21:-Add a suitable question tag to the following sentence

Let's watch the movie,

A:-Can we ?

B:-Shall we ?

C:-May we ?

D:-Will we ?

Correct Answer:- Option-B

Question22:-Identify the wrong word in the sentence, "She congratulated me for my success in the examination."

A:-Congratulated

B:-me

C:-for

D:-Success

Correct Answer:- Option-C

Question23:-Pick out the incorrect singular - plural group from among the following

A:-Medium-media

B:-Radius-radii

C:-Basis-bases

D:-Shelf-shelfs

Correct Answer:- Option-D

Question24:-What does "Hobson's choice" mean

A:-No choice at all

B:-Too many choices

C:-The first choice

D:-None of the above

Correct Answer:- Option-A

Question25:-The news from the country \_\_\_\_\_ encouraging.

A:-are

B:-been

C:-is

D:-has

Correct Answer:- Option-C

Question26:-Who is a person who helps another to do something wrong or against law ?

A:-Notary

B:-Proxy

C:-Sorcerer

D:-Accomplice

Correct Answer:- Option-D

Question27:-Identify the incorrect sentence

A:-The painting was hanged on the wall

B:-College begins at 10 O' Clock

C:-My mother seldom goes to the theatre

D:-I see a crow outside the window

Correct Answer:- Option-A

Question28:-Convert the sentence to its passive form : "He follows me".

A:-I follow him

B:-I were followed by him

C:-I were following him

D:-I am followed by him

Correct Answer:- Option-D

Question29:-Which is the interrogative sentence, among the following ?

A:-Why do you ask me to go there ?

B:-The principal delivered a good speech

C:-Please open the door

D:-How fantastic the scene was !

Correct Answer:- Option-A

Question30:-Which is the antonym of " bold" ?

A:-Narrow

B:-Timid

C:-Discrete

D:-Humble

Correct Answer:- Option-B

Question31:-The Wayalar award winner of the year 2017

A:-M. K. Sanu

B:-K. P. Ramanunni

C:-K. R. Meera

D:-T. D. Ramakrishnan

Correct Answer:- Option-D

Question32:-Who is the newly appointed Goodwill Ambassador of UNICEF ?

A:-Muzoon Almellehan

B:-Malala Yousufzai

C:-Tawakkol Karman

D:-Halima Yakoob

Correct Answer:- Option-A

Question33:-Who won the Nobel Prize for Economics of the year 2017 ?

A:-Kusuwo Eshiguro

B:-Richard H Taylor

C:-Jasilda Eden

D:-Bari Barish

Correct Answer:- Option-B

Question34:-The Indias first solar-powered DEMU train launched at

A:-Agra cant

B:-Delhi railway station

C:-Safdarjung railway station

D:-Gorakhpur Jn

Correct Answer:- Option-C

Question35:-Who is the author of the book 'Matoshree' ?

A:-Sumitra Mahajan

B:-Shabna Asmi

C:-Aparna Sen

D:-Deepa Mehta

Correct Answer:- Option-A

Question36:-The name given to the programme launched by India to provide humanitarian assistance for Rohingya refugees in Begladesh.

A:-Operation Blustar

B:-Operation Insaniyat

C:-Operation Rahat

D:-Operation Sukoon

Correct Answer:- Option-B

Question37:-Who was crowned the Miss World of the year 2017 ?

- A:-Andrea Meza
  - B:-Stephanie Hill
  - C:-Demi-Leigh Nel-peters
  - D:-Manushi Chillar
- Correct Answer:- Option-D

Question38:-Who has been appointed as the new Vice-Chairman of NITI Aayog ?

- A:-Reguram Rajan
- B:-Umesh Singal
- C:-Rajiv Kumar
- D:-Vijay Parasher

Correct Answer:- Option-C

Question39:-India and which country have recently signed pacts for technical cooperation in the field of Railways ?

- A:-Switzerland
- B:-Germany
- C:-Israel
- D:-Malaysia

Correct Answer:- Option-A

Question40:-Which State Government has launched an online Public Grievance Redressal system ?

- A:-Uttarpradesh
- B:-Goa
- C:-Kerala
- D:-Maharashtra

Correct Answer:- Option-B

Question41:-Which Article of the Constitution of India deals with the provisions as to State emergency ?

- A:-Article 356
- B:-Article 352
- C:-Article 354
- D:-Article 360

Correct Answer:- Option-A

Question42:-The Directive Principles of State Policy is \_\_\_\_\_ in nature.

- A:-Mandatory
- B:-Challengeable
- C:-Right
- D:-Directory

Correct Answer:- Option-D

Question43:-Part IV of the Indian Constitution deals with

- A:-Union and its Territory
- B:-Citizenship
- C:-Directive Principles of State Policy
- D:-Fundamental Rights

Correct Answer:- Option-C

Question44:-Article 19(1)(c) of the Indian Constitution deals with

- A:-to freedom of speech and expression
- B:-to assemble peaceably and without arms
- C:-to form associations or unions
- D:-to move freely throughout the territory of India

Correct Answer:- Option-C

Question45:-The term "Secular" was added to the preamble of Indian Constitution by the \_\_\_\_\_ Amendment.

- A:- 42<sup>nd</sup> amendment
- B:- 43<sup>rd</sup> amendment
- C:- 44<sup>th</sup> amendment
- D:- 45<sup>th</sup> amendment

Correct Answer:- Option-A

Question46:-The power to amend the Indian Constitution rests with

- A:-The Parliament
- B:-The President
- C:-The Prime Minister
- D:-Governor

Correct Answer:- Option-A

Question47:-On \_\_\_\_\_ the Constitution of India came into force.

A:-22-6-1948

B:-17-2-1956

C:-25-6-1947

D:-26-1-1950

Correct Answer:- Option-D

Question48:-The age of retirement of a Supreme Court judge is \_\_\_\_\_ years.

A:-65

B:-68

C:-60

D:-62

Correct Answer:- Option-A

Question49:-\_\_\_\_\_ an order from a court to free a person who had been illegally detained by the police or any other person.

A:-Quo-Warranto

B:-Prohibition

C:-Mandamus

D:-Habeas Corpus

Correct Answer:- Option-D

Question50:-Which trial court can award capital punishment ?

A:-Munsiff court

B:-Sessions court

C:-Sub Court

D:-Magistrate Court

Correct Answer:- Option-B

Question51:-Which of the following Scheme is not included in 'Nava Kerala Mission' ?

A:-Life

B:-Ardram

C:-Haritha Keralam

D:-EMS Housing Scheme

Correct Answer:- Option-D

Question52:-The SC/STs prevention of Atrocities Act came into force in

A:-1989

B:-1980

C:-1991

D:-1984

Correct Answer:- Option-A

Question53:-The Kerala Institute for Research Training and Development Studies - SC/ST (KIRTADS) located at

A:-Thrissur

B:-Kozhikkode

C:-Kochi

D:-Kollam

Correct Answer:- Option-B

Question54:-The first 'Other Backward Class Commission' (OBC) appointed in India

A:-Mandal Commission

B:-Nettur Commission

C:-Kaka Kalelkar Commission

D:-Mukharjee Commission

Correct Answer:- Option-C

Question55:-Father of Kerala Renaissance

A:-Sankaracharya

B:-Sree Narayana Guru

C:-Ayyan Kali

D:-Dr. Palpu

Correct Answer:- Option-B

Question56:-The first Asian country to start community development project

A:-China

B:-Pakistan

C:-Bangladesh

D:-India

Correct Answer:- Option-D

Question57:-Which state started firstly the Employment Gurantee Scheme (EGS) ?

A:-Maharashtra

B:-Kerala

C:-Tamil Nadu

D:-Rajasthan

Correct Answer:- Option-A

Question58:-Which one of the following is related to poverty alieivation programme ?

A:-S.S.A.

B:-Kudumbasree

C:-Theerajyothi

D:-Akshara-Keralam

Correct Answer:- Option-B

Question59:-Pre natal Diagnostic Techniques (Regulation of Prevention of Misuse) Act passed in

A:-1961

B:-1999

C:-1994

D:-2000

Correct Answer:- Option-C

Question60:-Who started the Women's Indian Association in 1917 ?

A:-Sarojini Naidu

B:-Saroj Nalini Dutt

C:-Indira Gandhi

D:-Annei Besant

Correct Answer:- Option-D

Question61:-Ram's present age is one-fourth of his father's present age. If the difference between their present ages is 18 years, then what is Ram's present age ?

A:-10 Years

B:-8 Years

C:-6 Years

D:-12 Years

Correct Answer:- Option-C

Question62:-In an examination, a candidate scores 2 marks for every correct answer and losses 1 mark for every wrong answer. A candidate attempts all the 100 questions and scores 56 marks. How many questions did he answer correctly ?

A:-52

B:-48

C:-60

D:-56

Correct Answer:- Option-A

Question63:-By selling an umbrella for Rs. 300 a shopkeeper gains 20%. During a clearance sale, the shopkeeper allows a discount of 10% on the market price. Find his gain percent during the sale season.

A:-4%

B:-8%

C:-20%

D:-6%

Correct Answer:- Option-B

Question64:-The simplification of  $\frac{3.36 \times 52 + 3.36 \times 48}{(6.68)^2 - (3.32)^2}$  yields the result.

A:-8.5

B:-7.2

C:-12

D:-10

Correct Answer:- Option-D

Question65:-If the diagonals of two squares are in the ratio 3 : 5, then their areas will be in the ratio

A:- $\sqrt{3} : \sqrt{5}$

B:-9 : 25

C:-3 : 5

D:-9 : 5

Correct Answer:- Option-B

Question66:-In a bag, there are coins of 50 paise, 25 paise and 1 Rupee in the ratio of 5 : 6 : 2. If there are in all Rs. 48 in the bag. How many coins if Rs. 50 paise do the bag have ?

- A:-42
- B:-16
- C:-48
- D:-40

Correct Answer:- Option-D

Question67:-  $\frac{(64)^{n/3} \times (8)^{-n/6}}{(512)^{-n/2}}$

- A:-  $4^{(3n)}$
- B:-  $3^{(3n)}$
- C:-  $2^{(3n)}$
- D:-  $4^{(2n)}$

Correct Answer:- Option-A

Question68:-A circular path runs around a circular field. The outer perimeter is 88 m and the inner perimeter is 22 m less than the outer perimeter. If so, the area of the path is (Use  $\pi = 22/7$ )

- A:-250  $m^2$
- B:-269.50  $m^2$
- C:-360.50  $m^2$
- D:-196  $m^2$

Correct Answer:- Option-B

Question69:-Find the area of the largest circle that can be drawn in a square of area 196  $cm^2$ . (Use  $\pi = 22/7$ )

- A:-144  $cm^2$
- B:-254  $cm^2$
- C:-154  $cm^2$
- D:-184  $cm^2$

Correct Answer:- Option-C

Question70:-The 14<sup>th</sup> term of the series 1, 3, 6, 10, 15, ..... is

- A:-105
- B:-110
- C:-115
- D:-124

Correct Answer:- Option-A

Question71:-The Subsidiary Alliance system was introduced by

- A:-Lord William Bentick
- B:-Lord Curzon
- C:-Lord Wellesley
- D:-Lord Canning

Correct Answer:- Option-C

Question72:-Who was the famous leader of the Chipko Movement ?

- A:-Sunderlal Bahuguna
- B:-Vino Bhave
- C:-Jayaprakash Narayan
- D:-Charan Singh

Correct Answer:- Option-A

Question73:-The battle of Wandiwash was fought between

- A:-The English and the Dutch
- B:-The English and the French
- C:-The English and the Marathas
- D:-The English and the Portuguese

Correct Answer:- Option-B

Question74:-The National Anthem of India "jana gana mana ..." was first sung at

- A:-Delhi 1911
- B:-Bombay 1911
- C:-Calcutta 1911
- D:-Calcutta 1912

Correct Answer:- Option-C

Question75:-The first meeting of Indian National Congress held at Bombay was presided by

- A:-Badruddin Tyabji
- B:-Dadabhai Naoroji



C:-A. O. Hume

D:-W. C. Banerjee

Correct Answer:- Option-D

Question76:-Name of the Indian Prime Minister who was responsible for bank nationalization

A:-Jawaharlal Nehru

B:-Morarji Desai

C:-Indira Gandhi

D:-Lal Bahadur Sastri

Correct Answer:- Option-C

Question77:-One of the following leaders was the founder of Swaraj Party

A:-C. R. Das

B:-Subhash Chandra Bose

C:-Jawaharlal Nehru

D:-Vallabhai Patel

Correct Answer:- Option-A

Question78:-The Shimla Agreement between India and Pakistan signed in

A:-1972

B:-1970

C:-1971

D:-1962

Correct Answer:- Option-A

Question79:-In 1853 the first train in India ran between the following places

A:-Bombay and Delhi

B:-Bombay and Pune

C:-Bombay and Thane

D:-Bombay and Goa

Correct Answer:- Option-C

Question80:-Name of the King who introduced silver coin called Rupiya

A:-Akbar

B:-Babur

C:-Humayun

D:-Sher Shah

Correct Answer:- Option-D

Question81:-The year of Kundara proclamation

A:-1809

B:-1819

C:-1808

D:-1801

Correct Answer:- Option-A

Question82:-Keezhariyoor Bomb case in Kerala took place in connection with

A:-Non-cooperation Movement

B:-Quit India Movement

C:-Malabar Rebellion

D:-Peasant Revolt

Correct Answer:- Option-B

Question83:-The founder of Sadhu Jana Paripalana Samgham was

A:-Sree Narayana Guru

B:-Sahodaran Ayyappan

C:-Vagbhatananda Gurudevan

D:-Ayyankali

Correct Answer:- Option-D

Question84:-Tarissappalli Copper Plate was issued in 849 CE by

A:-Sthanu Ravi

B:-Bhaskara Ravi Manukuladithian

C:-Ayyanadikal Thiruvadikal

D:-Rama Varma Kulasekhara

Correct Answer:- Option-C

Question85:-The second Ezhava Memorial was submitted before

A:-Lord Curzon

- B:-Maharaja Travancore
  - C:-Colonel Munroe
  - D:-Chief Minister EMS Namboothiripad
- Correct Answer:- Option-A

Question86:-In the battle of Colachel in 1741 the army of Travancore defeated

- A:-The English
- B:-The Dutch
- C:-The French
- D:-The Portuguese

Correct Answer:- Option-B

Question87:-"The Muslim" was a publication owned by

- A:-Vakkom Maoulavi
- B:-C. H. Mohammed Koya
- C:-Mohammed Abdur Rahiman
- D:-Maulana Azad

Correct Answer:- Option-A

Question88:-The first post office in Kerala was opened in 1851 at

- A:-Thiruvananthapuram
- B:-Cochin
- C:-Kollam
- D:-Alappuzha

Correct Answer:- Option-D

Question89:-Kerala Kalamandalam was founded by

- A:-Govt. of Kerala
- B:-Vallathol
- C:-Ullor
- D:-G. Sankara Kurup

Correct Answer:- Option-B

Question90:-Kaneerum Kinavum is the autobiography of

- A:-P. Kunhiraman Nair
- B:-A.K.G.
- C:-S. K. Pottekkat
- D:-V. T. Bhatathiripad

Correct Answer:- Option-D

Question91:-The set of programs used to control booting of a computer is stored in

- A:-RAM
- B:-ROM
- C:-Hard disk
- D:-Motherboard

Correct Answer:- Option-B

Question92:-1 KB memory means

- A:-1028 bytes
- B:-1028 bits
- C:-1024 bits
- D:-1024 bytes

Correct Answer:- Option-D

Question93:-Which of the following is system software ?

- A:-Operating System
- B:-Compiler
- C:-Device drivers
- D:-All of the above

Correct Answer:- Option-D

Question94:-Which among the following is not a DBMS ?

- A:-MS access
- B:-FoxPro
- C:-Java
- D:-SQL Server

Correct Answer:- Option-C

Question95:-The user files in a computer can be permanently stored in

- A:-ROM
- B:-RAM
- C:-Hard Disk
- D:-All of the above

Correct Answer:- Option-C

Question96:-A computer used in Internet is identified using its

- A:-IP Address
- B:-Virtual address
- C:-DNS
- D:-HTTP

Correct Answer:- Option-A

Question97:-A high level computer language

- A:-Is used by IT professionals only
- B:-Used by Government sector only
- C:-Privately used by a group of administrators
- D:-Can be used by any computer user

Correct Answer:- Option-D

Question98:-Microsoft word is

- A:-A free software
- B:-A software used for creating letters and documents
- C:-A software used for drawing
- D:-Is not software

Correct Answer:- Option-B

Question99:-The component which supplies adequate power for motherboard of a computer is

- A:-Switched mode power supply
- B:-Direct power supply
- C:-Regulated power supply
- D:-CMOS power chip

Correct Answer:- Option-A

Question100:-The speed of a computer can be expressed in terms of Hertz because

- A:-It is the microprocessor chip frequency
- B:-It is the number of operations which can be simultaneously done by the microprocessor
- C:-It is the internal bus speed of the CPU
- D:-It is the frequency of the supplied clock pulse to microprocessor

Correct Answer:- Option-D