

PROVISIONAL ANSWER KEY

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Question1:-Which among the following is not true about amplitude modulation ?

- A:-Carrier wave is a pulse
- B:-Carrier wave is sinusoidal
- C:-Carrier wave is of high frequency
- D:-The frequency of the carrier wave is modulated

Correct Answer:- Option-D

Question2:-Name the plant hormone responsible for active cell division

- A:-Absisic acid
- B:-Auxin
- C:-Cytokinin
- D:-Gibberellin

Correct Answer:- Option-C

Question3:-Which of the following sets of quantum numbers is not possible ?

- A:- $n = 1, l = 0, m = 0, s = + 1/2$
- B:- $n = 2, l = 2, m = - 2, s = -1/2$
- C:- $n = 3, l = 2, m = -2, s = +1/2$
- D:- $n = 2, l = 1, m = -1, s = + 1/2$

Correct Answer:- Option-B

Question4:-Who proposed mutation theory ?

- A:-Charles Darwin
- B:-T. H. Morgan
- C:-Hugo de Vries
- D:-Gregor Mendel

Correct Answer:- Option-C

Question5:-The image formed by the objective of a compound microscope is

- A:-Real and enlarged
- B:-Virtual and enlarged
- C:-Real and diminished
- D:-Virtual and diminished

Correct Answer:- Option-A

Question6:-Technique used in DNA finger printing is

- A:-Eastern blotting
- B:-Southern blotting
- C:-Northern blotting
- D:-Western blotting

Correct Answer:- Option-D

Question7:-As we go from the equator to the poles, our weight

- A:-Decreases
- B:-Increases
- C:-Decreases upto a latitude of 45°
- D:-Remains the same

Correct Answer:- Option-B

Question8:-Hormone secreted by the atrial wall of heart is

- A:-ANF
- B:-ADH
- C:-Adrenalin
- D:-ACTH

Correct Answer:- Option-A

Question9:-Which of the following thermodynamic quantities is not a state function ?

- A:-Work
- B:-Gibb's free energy
- C:-Internal energy
- D:-Enthalpy

Correct Answer:- Option-A

Question10:-Total number of bones in adult human body is

- A:-260
- B:-208
- C:-280
- D:-206

Correct Answer:- Option-D

Question11:-Choose the correct option :

The student, rather than the teachers, _____ responsible for the failure.

- A:-are
- B:-have
- C:-being
- D:-is

Correct Answer:- Option-D

Question12:-Choose the correct word :

Don't stand so _____ ; what they are saying is absolutely true.

- A:-Incredulous
- B:-Incredible
- C:-Credulous
- D:-Credible

Correct Answer:- Option-A

Question13:-Select the right option :

This cell phone looks very nice. Has it got _____ camera ?

- A:-some
- B:-a
- C:-the
- D:-an

Correct Answer:- Option-B

Question14:-Identify the most suitable preposition :

I am not very good _____ repairing motorcycles.

- A:-in
- B:-with
- C:-at
- D:-for

Correct Answer:- Option-C

Question15:-Choose the correct word for the reported speech version of the given sentence :

Sita asked Sona, "Is your brother an advocate ?"

Sita asked Sona whether her brother _____ an advocate.

- A:-was
- B:-were
- C:-is
- D:-being

Correct Answer:- Option-A

Question16:-Choose the correct option in Passive Voice :

Have the Police inspected this room ?

- A:-Is this room inspected by the Police ?
- B:-Was this room inspected by the Police ?
- C:-Has this room been inspected by the Police ?
- D:-Has this room inspected by the Police ?

Correct Answer:- Option-C

Question17:-Choose the word that expresses the meaning of what is given below :

A drug that allays pain without curing an illness.

- A:-Therapy
- B:-Anodyne
- C:-Antidote
- D:-Panacea

Correct Answer:- Option-B

Question18:-Choose the correct sentence :

- A:-Four years were a long time for a leader to fulfil his promises
- B:-Four years have a long time for a leader to fulfil his promises
- C:-Four years has a long time for a leader to fulfils his promises
- D:-Four years is a long time for a leader to fulfil his promises

Correct Answer:- Option-D

Question19:-Choose the correct word :

There are a number of public _____ in the park.

- A:-Amenities
- B:-Amities
- C:-Amnesties
- D:-Armistice

Correct Answer:- Option-A

Question20:-Choose the correct synonym for the word "battered".

- A:-Dilated
- B:-Dilapidated
- C:-Diluted
- D:-Liquidated

Correct Answer:- Option-B

Question21:-Which among the following is a communication satellite launched by the ISRO in 2016 ?

- A:-INSAT - 3DR
- B:-SCATSAT - I
- C:-GSAT - 18
- D:-CARTOSAT - 2C

Correct Answer:- Option-C

Question22:-Winner of the Nobel Prize for literature in 2016

- A:-Svetlana Alexievich
- B:-Oliver Hart
- C:-Duncan Haldane
- D:-Bob Dylan

Correct Answer:- Option-D

Question23:-The first Indian state which ratified the Goods and Services Tax (India) Bill passed by the Indian Parliament

- A:-Jharkhand
- B:-Assam
- C:-Bihar
- D:-Chattisgarh

Correct Answer:- Option-B

Question24:-Who among the following is awarded Bharataratna for 2015 ?

- A:-C N R Rao
- B:-Bhimsen Joshi
- C:-Sachin Tendulkar
- D:-Madan Mohan Malarya

Correct Answer:- Option-D

Question25:-Which among the following is a cyclone that was not in 2016 ?

- A:-Madi
- B:-Vardha
- C:-Kyant
- D:-Roanu

Correct Answer:- Option-A

Question26:-The winner of the `63^(rd)` Dadasaheb Falke Award is

- A:-Gulzar
- B:-Shashi Kapoor
- C:-Manoj Kumar
- D:-Pran

Correct Answer:- Option-A

Question27:-Which among the following country is one of the founding members of the European Union ?

- A:-Spain
- B:-Denmark

C:-Belgium

D:-Sweedden

Correct Answer:- Option-C

Question28:-Who among the following sports persons is awarded Rajiv Gandhi Khel Ratna Award in 2016 ?

A:-Vijayakumar

B:-Jithu Rai

C:-Gagan Narang

D:-Renjan Sodhi

Correct Answer:- Option-B

Question29:-The country which hoists the `9^(th)` BRICKS summit to be held in September, 2017 ?

A:-Brazil

B:-South Africa

C:-Russia

D:-China

Correct Answer:- Option-D

Question30:-The nation that had not declared boycott of the SAARC summit of 2016

A:-Bhutan

B:-Nepal

C:-Sri Lanka

D:-Maldives

Correct Answer:- Option-B

Question31:-India borrowed the idea of Fundamental Rights from the Constitution of

A:-Canada

B:-USA

C:-Britain

D:-Australia

Correct Answer:- Option-B

Question32:-The Constitutional Amendment that made 'Right to Free and Compulsory Education' a Fundamental Right

A:-`74^(th)`

B:-`80^(th)`

C:-`86^(th)`

D:-`92^(nd)`

Correct Answer:- Option-C

Question33:-Which schedule of the Constitution of India contains Panchayat Raj ?

A:-`10^(th)`

B:-`11^(th)`

C:-`12^(th)`

D:-`9^(th)`

Correct Answer:- Option-B

Question34:-As per the provisions of the Constitution, the strength of State Legislative Assembly is limited upto

A:-552

B:-450

C:-550

D:-500

Correct Answer:- Option-D

Question35:-Who is the counterpart of Attorney General in State ?

A:-Accountant General

B:-Advocate General

C:-Director General of Prosecutions

D:-None of the above

Correct Answer:- Option-B

Question36:-Who administers the oath of office to the Governor ?

A:-Chief Minister

B:-Speaker of Assembly

C:-Chief Justice of High Court

D:-President of India

Correct Answer:- Option-C

Question37:-Which of the following words are included in the preamble through `42^(nd)` Amendment ?

A:-Socialist, Secular

- B:-Socialist, Liberal
- C:-Socialist, Federal
- D:-Socialist, Democratic
- Correct Answer:- Option-A

Question38:-The first ever General Election to Lok Sabha was held in the year

- A:-1947
- B:-1949
- C:-1950
- D:-1951

Correct Answer:- Option-D

Question39:-The institution of Lokayukta was established first in

- A:-Kerala
- B:-Maharashtra
- C:-Odisha
- D:-Karnataka

Correct Answer:- Option-B

Question40:-Which Article provides reservation of seats for Scheduled Castes and Schedule Tribes in the House of the People ?

- A:-Article 330
- B:-Article 338 - A
- C:-Article 338
- D:-Article 335

Correct Answer:- Option-A

Question41:-Antyodaya Anna Yojana was first implemented in the Indian state of

- A:-Kerala
- B:-Rajasthan
- C:-Tamil Nadu
- D:-Karnataka

Correct Answer:- Option-B

Question42:-Bharath Nirman Project is related to

- A:-Urban Development
- B:-Rural Sanitation
- C:-Rural Infrastructure
- D:-Urban Infrastructure

Correct Answer:- Option-C

Question43:-ICDS an Indian Government Programme designed for the benefit

- A:-Adults
- B:-Women
- C:-Aged
- D:-Child

Correct Answer:- Option-D

Question44:-Jawahar Rozgar Yojana was launched on

- A:-April `1^(st)` , 1989
- B:-January `1^(st)` , 1989
- C:-May `1^(st)` 1989
- D:-June `1^(st)` 1989

Correct Answer:- Option-A

Question45:-Kudumbashree Movement was launched on

- A:-May `16^(th)` , 1998
- B:-April `17^(th)` , 1998
- C:-February `17^(th)` , 1998
- D:-May `17^(th)` , 1998

Correct Answer:- Option-D

Question46:-MGNREGA is providing at least _____ days of wage employment in a financial year.

- A:-100 days
- B:-75 days
- C:-200 days
- D:-None of these

Correct Answer:- Option-A

Question47:-Prime Minister of India announced on August 15, 1993 a scheme for giving self-employment to learned jobless youth in the Country. The scheme is known as

- A:-P M A G Y
- B:-P M R Y
- C:-R L L E G P
- D:-S G R Y

Correct Answer:- Option-B

Question48:-Samagra Awas Yojana (SAY) aimed to improve

- A:-Rural Irrigation
- B:-Rural Agriculture
- C:-Rural Habitat
- D:-Rural Employment

Correct Answer:- Option-C

Question49:-Valmiki Ambedkar Awas Yojana is a centrally sponsored scheme for the benefit of

- A:-Tribal people
- B:-Scheduled Caste People
- C:-Agriculture People
- D:-Slum Dwellers

Correct Answer:- Option-D

Question50:-Mahila Samridhi Yojana is a scheme for women to develop

- A:-Self-employment
- B:-Micro Finance
- C:-Health Care
- D:-Family Welfare

Correct Answer:- Option-B

Question51:-The ratio of two numbers is 3 : 4. If 8 is added to each of them, their ratio is changed to 5 : 6. Find the numbers.

- A:-10, 16
- B:-12, 16
- C:-12, 18
- D:-12, 20

Correct Answer:- Option-B

Question52:-Sanju bought a cycle for Rs. 500. For what price should it be sold to get a profit of 20%.

- A:-700
- B:-800
- C:-500
- D:-600

Correct Answer:- Option-D

Question53:- $\sqrt{248+\sqrt{51+\sqrt{169}}}$ =

- A:-14
- B:-16
- C:-16.6
- D:-14.6

Correct Answer:- Option-B

Question54:-Find the next term in the series 3, 10, 31, 94 ,....

- A:-280
- B:-182
- C:-282
- D:-283

Correct Answer:- Option-D

Question55:-Find the value of $\sqrt[5]{64} \times \sqrt[5]{512}$

- A:-8
- B:-6
- C:-12
- D:-16

Correct Answer:- Option-A

Question56:-Find the greatest number that will exactly divide 200 and 320.

- A:-320
- B:-200
- C:-40

D:-1600

Correct Answer:- Option-C

Question57:-A can do a work in 6 days, B can do a work in 12 days. If both of them work together, then how many days the work will be finished ?

A:-4

B:-3

C:-6

D:-5

Correct Answer:- Option-A

Question58:-The average age of 30 children in a class is 9 years. If the teacher's age is included the average age became 10 years. Find the Teacher's age.

A:-35

B:-30

C:-38

D:-40

Correct Answer:- Option-D

Question59:-Sita travels 7 km towards north, then turns right and walk 3 km. She again turns to her right and moves 7 km forward. How far is Sita away from the starting point ?

A:-3 km

B:-17 cm

C:-10 km

D:-7 km

Correct Answer:- Option-A

Question60:-If PEKING is coded as ODJHME how will you code SYDNEY ?

A:-RHCM DY

B:-RXCMDX

C:-RXEPDY

D:-RXCEDX

Correct Answer:- Option-B

Question61:-Find the value of $9 + 99 + 999 + 9999 =$

A:-111006

B:-11006

C:-10016

D:-11106

Correct Answer:- Option-D

Question62:- $3 : 16 :: 7 :$

A:-49

B:-36

C:-81

D:-64

Correct Answer:- Option-D

Question63:-If 12th January 1980 falls on Saturday what was the day of the week on 12th January 1979 ?

A:-Thursday

B:-Friday

C:-Saturday

D:-Sunday

Correct Answer:- Option-B

Question64:-A solid sphere of radius 20 cm is melted to construct several solid spheres of radius 2 cm each. Find the number of such solid spheres.

A:-1000

B:-100

C:-10

D:-10000

Correct Answer:- Option-A

Question65:-Find the value of $1 + \frac{1}{2 + \frac{1}{1 - \frac{1}{3}}}$

A:- $\frac{9}{7}$

B:- $\frac{7}{9}$

C:- $\frac{5}{7}$

D:- $\frac{2}{9}$

Correct Answer:- Option-A

Question66:-In an examination, a student scores 4 marks for every correct answer and loses 1 mark for every wrong answer. If he attempts all 75 questions and secures 125 marks, the number of questions he attempts correctly is

- A:-35
- B:-42
- C:-40
- D:-46

Correct Answer:- Option-C

Question67:-In a two digit number, sum of the digits is 15. If 9 is added to the number, the digits are reversed. What is the number ?

- A:-78
- B:-96
- C:-87
- D:-69

Correct Answer:- Option-A

Question68:-At what angle, the hands of a clock are inclined when it is half past 8 ?

- A:-70°
- B:-80°
- C:-75°
- D:-77°

Correct Answer:- Option-C

Question69:-A train 280 m long is moving at 60 kmph. Find the time taken by the train to cross a tunnel of length 220 m

- A:-20 sec
- B:-25 sec
- C:-35 sec
- D:-30 sec

Correct Answer:- Option-D

Question70:-Remya's age is 3 times that of Dhanya. After 10 years Remya's age becomes 2 times of Dhanya's age. Find the present age of Dhanya.

- A:-10
- B:-30
- C:-20
- D:-40

Correct Answer:- Option-A

Question71:-Sahyadris is also known as

- A:-Vindhyan Range
- B:-Satpura Range
- C:-Western Ghats
- D:-Eastern Ghats

Correct Answer:- Option-C

Question72:-Which among the following is the Southern most Island of Lakshadweep group of Islands ?

- A:-Minicoy
- B:-Kavarathi
- C:-Androth
- D:-Bithra

Correct Answer:- Option-A

Question73:-Which soil type is ideal for cotton cultivation in India ?

- A:-Red soil
- B:-Lateritic soil
- C:-Alluvial soil
- D:-Black soil

Correct Answer:- Option-D

Question74:-The longest tributary of river Ganga is

- A:-Yamuna
- B:-Ramganga
- C:-Ghaghra
- D:-Kosi

Correct Answer:- Option-A

Question75:-Tanjaore is situated on the banks of _____ river.

- A:-Krishna
- B:-Kaveri

C:-Vaiga

D:-Adayar

Correct Answer:- Option-B

Question76:-As per the Census 2011, which state in India has the lowest sex ratio ?

A:-Jharkhand

B:-Bihar

C:-Sikkim

D:-Haryana

Correct Answer:- Option-D

Question77:-Sansad Adarsh Gram Yojana was launched on the birth anniversary of

A:-Jayaprakash Narayan

B:-Deendayal Upadhyaya

C:-Sardar Vallabhabhi Patel

D:-Guruji Golwalka

Correct Answer:- Option-A

Question78:-The tri-colour flag was accepted as the official flag of Indian National Congress at

A:-Calcutta

B:-Lahore

C:-Bombay

D:-Madras

Correct Answer:- Option-B

Question79:-Gandhiji's Dhandi March reached Dhandi beach on

A:- 12th March 1930

B:- 6th April 1930

C:- 12th March 1931

D:- 6th April 1931

Correct Answer:- Option-B

Question80:-Which among the following is an autobiographical discourse written by Bhagat Singh ?

A:-Wild Encounter

B:-The Fragrance of Freedom

C:-Why I am An Atheist

D:-None of these

Correct Answer:- Option-C

Question81:-Which is the single largest soil type of Kerala ?

A:-Red Soil

B:-Costal Alluvium

C:-Black Soil

D:-Lateritic Soil

Correct Answer:- Option-D

Question82:-The floods in the river Periyar in _____ chocked the mouth of the Kodungallur harbor.

A:-1241 A.D.

B:-1341 A.D.

C:-1241 B.C.

D:-1341 B.C.

Correct Answer:- Option-B

Question83:-Which among the following is not a fresh water lake in Kerala ?

A:-Uppala lake

B:-Sasthamkotta lake

C:-Vellayani lake

D:-Pookode lake

Correct Answer:- Option-A

Question84:-Choolannur, the peacock sanctuary, is situated in _____ district of Kerala.

A:-Thrissur

B:-Palakkd

C:-Wayanad

D:-Idukki

Correct Answer:- Option-B

Question85:-The real name of Brahmananda Sivayogi was

A:-V. Kunhikannan Gurukkal

B:-Subbarayan
C:-Karat Govindha Menon
D:-B. Narayanan Nair
Correct Answer:- Option-C

Question86:-The book Jatimimamsa is written by

A:-Vagbhatanandan
B:-Brahmananda Sivayagi
C:-Chattampi Swamikal
D:-Sri Narayana Guru
Correct Answer:- Option-D

Question87:-Who among the following was associated with Saiva Prakasha Sabha ?

A:-Thycaud Ayya
B:-Pandit Karuppan
C:-Ayyankali
D:-Vagbhatanandan
Correct Answer:- Option-A

Question88:-Where did Pandit Karuppan born ?

A:-Thiruvananthapuram
B:-Ponnani
C:-Cheranallur
D:-Kollam
Correct Answer:- Option-C

Question89:-Kuriakose Elias Chavara was beatified at

A:-Rome
B:-Malankara
C:-Mannanam
D:-Kainikkara
Correct Answer:- Option-C

Question90:-Vakkom Abdul Khadar Moulavi started _____ journal in 1931.

A:-The Muslim
B:-Deepika
C:-Al-Islam
D:-Al-Ameen
Correct Answer:- Option-B

Question91:-IT Act 2000, Section _____ describes the penalty for hacking computer system.

A:-Section 43
B:-Section 65
C:-Section 66
D:-Section 66 A
Correct Answer:- Option-C

Question92:-In 8086 microprocessor which is a maskable interrupt ?

A:-NMI
B:-INTR
C:-TRAP
D:-None of the above
Correct Answer:- Option-B

Question93:-International cyber security Day

A:-January 30
B:-March 15
C:-November 30
D:-June 11
Correct Answer:- Option-C

Question94:-Scareware is a

A:-Virus
B:-Malware
C:-Worm
D:-Spam
Correct Answer:- Option-B

Question95:-Bluetooth technology uses _____ signals for data transmission.

- A:-Infrared
 - B:-Radio waves
 - C:-Microwaves
 - D:-Electromagnetic waves
- Correct Answer:- Option-B

Question96:-Which protocol is used for receive email services ?

- A:-HTTP
- B:-SMTP
- C:-POP3
- D:-FTP

Correct Answer:- Option-C

Question97:-Microsoft's latest web browser

- A:-Internet Explorer
- B:-Edge
- C:-Mozilla Firefox
- D:-Opera

Correct Answer:- Option-B

Question98:-Father of Indian Super computer

- A:-Sameer Bhatia
- B:-Reghunadh Maschelkar
- C:-Vijay P. Bhatkar
- D:-U. R. Rao

Correct Answer:- Option-C

Question99:-Expert systems are

- A:-Uses knowledge rather than data to control the solution process
- B:-Uses symbolic representation for knowledge
- C:-Reason with meat knowledge
- D:-All of the above

Correct Answer:- Option-D

Question100:-Coaxial cable uses _____ connectors.

- A:-RJ 45
- B:-BNC
- C:-RJ11
- D:-RF

Correct Answer:- Option-B