Question 1: In the case of chemical change what is generally affected
A: Neutron
B: Nucleus
C: Proton
D: Electron
Correct Answer: Option D

Question 2: Einstein's formula of mass-energy relation is
A: $E = Mc^2$
B: $E = \sqrt{Mc^2}$
C: $M^2 c^2$
D: $E = Mc$
Correct Answer: Option A

Question 3: Which of the following allow the electric current to pass through it?
A: Glass
B: Graphite
C: Rubber
D: Bakelite
Correct Answer: Option B

Question 4: Electric transformer is used to
A: Filter current
B: Regulate current
C: Change voltage
D: Serve as fuse
Correct Answer: Option C

Question 5: 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

Question 6: Carbon, Diamond, Graphite are together called
A: Allotropes
B: Isomers
C: Isomorphs
D: Isotopes
Correct Answer: Option A

Question 7: Of the following the best conductor of electricity is
A: Aluminium
B: Silver
C: Copper
D: Gold
Correct Answer: Option B

Question 8: Which instrument is used to measure electric current?
A: Rheostat
B: Electrometer
C: Voltmeter
D: Ammeter
Correct Answer: Option D

Question 9: Drinking soda is
A: Alkaline
B: Acidic
C: Neutral
D: Oxidant
Correct Answer: Option-B

Question 10: S.I. unit of temperature is
A: Joule
B: Celsius
C: Kelvin
D: Fahrenheit
Correct Answer: Option-C

Question 11: 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

Question 12: Find out the mission number in the series
\[4 \quad 8 \quad 20 \]
\[9 \quad 3 \quad 13 \]
\[6 \quad 6 \quad ? \]
A: 29
B: 13
C: 18
D: 20
Correct Answer: Option-C

Question 13: In a class, Ann's rank is '15\(^{th}\)' from the top and '21\(^{th}\)' 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

Question 14: 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

Question 15: If BOY is coded as ACNPXZ, what would be the code for LIFE?
A: KMHJEGDF
B: LMGHEGDF
C: LMHJEGFD
D: None of these
Correct Answer: Option-A

Question 16: 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

Question 17: 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
Question 18: 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

Question 19: 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

Question 20: 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, right, right, right, right
   C: left, right, left, right, left, right
   D: right, left, right, left, right, left
   Correct Answer: Option A

Question 21: 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

Question 22: 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

Question 23: 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

Question 24: 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

Question 25: The news from the country ________ encouraging.
   A: are
   B: been
   C: is
   D: has
   Correct Answer: Option C

Question 26: 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

Question 27: 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

Question 28: 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

Question 29: 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

Question 30: Which is the antonym of "bold"?
A: Narrow
B: Timid
C: Discrete
D: Humble
Correct Answer: Option-B

Question 31: 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

Question 32: 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

Question 33: Who won the Nobel Prize for Economics of the year 2017?
A: Kusuwo Eshiguro
B: Richard H Tailor
C: Jasilda Eden
D: Bari Barish
Correct Answer: Option-B

Question 34: The India's 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

Question 35: Who is the author of the book 'Matoshree'?
A: Sumitra Mahajan
B: Shabna Asmi
C: Aparna Sen
D: Deepa Mehta
Correct Answer: Option-A

Question 36: The name given to the programme launched by India to provide humanitarian assistance for Rohingya refugees in Bangladesh.
A: Operation Blustar
B: Operation Insaniyat
C: Operation Rahat
D: Operation Sukoon
Correct Answer: Option-B

Question 37: 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

Question 38:- 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

Question 39:- 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

Question 40:- Which State Government has launched an online Public Grievance Redressal system?
A:- Uttar Pradesh
B:- Goa
C:- Kerala
D:- Maharashtra
Correct Answer:- Option-B

Question 41:- 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

Question 42:- The Directive Principles of State Policy is ________ in nature.
A:- Mandatory
B:- Challengeable
C:- Right
D:- Directory
Correct Answer:- Option-D

Question 43:- 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

Question 44:- 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

Question 45:- The term "Secular" was added to the preamble of Indian Constitution by the ________ Amendment.
A:- `42^(nd)` amendment
B:- `43^(rd)` amendment
C:- `44^(th)` amendment
D:- `45^(th)` amendment
Correct Answer:- Option-A

Question 46:- 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
Question 47: 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

Question 48: The age of retirement of a Supreme Court judge is _______ years.
A: 65
B: 68
C: 60
D: 62
Correct Answer: Option-A

Question 49: ________ 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

Question 50: Which trial court can award capital punishment?
A: Munsiff court
B: Sessions court
C: Sub Court
D: Magistrate Court
Correct Answer: Option-B

Question 51: 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

Question 52: The SC/STs prevention of Atrocities Act came into force in
A: 1989
B: 1980
C: 1991
D: 1984
Correct Answer: Option-A

Question 53: 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

Question 54: 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

Question 55: Father of Kerala Renaissance
A: Sankaracharya
B: Sree Narayana Guru
C: Ayyan Kali
D: Dr. Palpu
Correct Answer: Option-B

Question 56: The first Asian country to start community development project
A: China
B: Pakistan
C: Bangladesh
Question 57: Which state started firstly the Employment Guarantee Scheme (EGS)?
A: Maharashtra
B: Kerala
C: Tamil Nadu
D: Rajasthan
Correct Answer: Option A

Question 58: Which one of the following is related to poverty alleviation programme?
A: S.S.A.
B: Kudumbasree
C: Theerajyothi
D: Akshara-Keralam
Correct Answer: Option B

Question 59: Prenatal Diagnostic Techniques (Regulation of Prevention of Misuse) Act passed in
A: 1961
B: 1999
C: 1994
D: 2000
Correct Answer: Option C

Question 60: Who started the Women's Indian Association in 1917?
A: Sarojini Naidu
B: Saroj Nalini Dutt
C: Indira Gandhi
D: Annie Besant
Correct Answer: Option D

Question 61: 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

Question 62: In an examination, a candidate scores 2 marks for every correct answer and loses 1 mark for every wrong answer. A candidate attempts all 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

Question 63: 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

Question 64: 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

Question 65: 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: 3 : 25
C: 3 : 5
D: 9 : 5
Correct Answer: Option B
Question 66: 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

Question 67: \( \frac{(64)^{\frac{n}{3}} \times (8)^{-\frac{n}{6}}}{(512)^{-\frac{n}{2}}} \)
A: \( 4^{3n} \)  
B: \( 3^{3n} \)  
C: \( 2^{3n} \)  
D: \( 4^{2n} \)  
Correct Answer: Option A

Question 68: 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 \( \pi = \frac{22}{7} \))
A: 250 \( \text{m}^2 \)  
B: 269.50 \( \text{m}^2 \)  
C: 360.50 \( \text{m}^2 \)  
D: 196 \( \text{m}^2 \)  
Correct Answer: Option B

Question 69: Find the area of the largest circle that can be drawn in a square of area 196 \( \text{cm}^2 \). (Use \( \pi = \frac{22}{7} \))
A: 144 \( \text{cm}^2 \)  
B: 254 \( \text{cm}^2 \)  
C: 154 \( \text{cm}^2 \)  
D: 184 \( \text{cm}^2 \)  
Correct Answer: Option C

Question 70: The 14th term of the series 1, 3, 6, 10, 15, ........... is
A: 105  
B: 110  
C: 115  
D: 124  
Correct Answer: Option A

Question 71: The Subsidiary Alliance system was introduced by
A: Lord William Bentick  
B: Lord Curzon  
C: Lord Wellesley  
D: Lord Canning  
Correct Answer: Option C

Question 72: 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

Question 73: 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

Question 74: 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

Question 75: The first meeting of Indian National Congress held at Bombay was presided by
A: Badruddin Tyabji  
B: Dadabhai Naoroji
Question 76: 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

Question 77: 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

Question 78: The Shimla Agreement between India and Pakistan signed in
A: 1972
B: 1970
C: 1971
D: 1962
Correct Answer: Option A

Question 79: 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

Question 80: Name of the King who introduced silver coin called Rupiya
A: Akbar
B: Babur
C: Humayun
D: Sher Shah
Correct Answer: Option D

Question 81: The year of Kundara proclamation
A: 1809
B: 1819
C: 1808
D: 1801
Correct Answer: Option A

Question 82: 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

Question 83: The founder of Sadhu Jana Paripalana Samgham was
A: Sree Narayana Guru
B: Sahodaran Ayyappan
C: Vagbhatananda Gurudevan
D: Ayyankali
Correct Answer: Option D

Question 84: 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

Question 85: 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:-Mohommed 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

Question 96: A computer used in Internet is identified using its  
A: IP Address  
B: Virtual address  
C: DNS  
D: HTTP  
Correct Answer: Option-A

Question 97: 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

Question 98: 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

Question 99: 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

Question 100: 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