

# PROVISIONAL ANSWER KEY

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Question1:-Which of the following is the big Indian notation?

- A:-The lower significant bit is stored in higher address
- B:-The higher significant bit is stored in higher address
- C:-The lower significant byte is in higher address
- D:-The higher significant byte is in higher address

Correct Answer:- Option-C

Question2:-What is the access type used in Read Only Memory?

- A:-Sequential access
- B:-Random access
- C:-Cyclic access
- D:-Quick access

Correct Answer:- Option-B

Question3:-As the hit ratio of a cache system increases, the speed of the execution of the program

- A:-increases
- B:-decrease
- C:-parabolic shape property
- D:-hit ratio does not affect the speed of the execution

Correct Answer:- Option-A

Question4:-The direct mapping of cache algorithm is not used due to the following

- A:-Does not provide improvement for overall speed of execution
- B:-Cache replacement becomes necessary even if cache is not full
- C:-There exists execution overhead of the cache mapping function for all cache access
- D:-All of the above

Correct Answer:- Option-B

Question5:-An operation on variable mark and max in C language is defined as "if(max==mark)" which logic gate can be used for this operation internally?

- A:-XNOR gate
- B:-NAND gate
- C:-AND gate
- D:-NOR gate

Correct Answer:- Option-A

Question6:-A 4 bit count sequences is like the following

0011, 1001, 1100, 0110 and its repeats, identify the counter

- A:-Random counter
- B:-Johnson counter
- C:-Root counter
- D:-Ring counter

Correct Answer:- Option-D

Question7:-The binary code that is used in Karnaugh maps for simplification is

- A:-Binary code
- B:-Excess 3 code
- C:-Self complementing code
- D:-Gray code

Correct Answer:- Option-D

Question8:-For a binary number, traverse from right to left, keep the bits as such till a bit 1, negate all other bits. What will we if we follow the algorithm?

- A:-binary multiplied by four
- B:-binary multiplied by eight

C:-n's complement where n is the number of bits

D:-2's complement of the number

Correct Answer:- Option-D

Question9:-The octal representation of the hexadecimal number 34 FC is

A:-15176

B:-32374

C:-32384

D:-15186

Correct Answer:- Option-B

Question10:-The universal property of NAND gates find great applications in

A:-IC manufacturing

B:-Equation simplification

C:-Size reduction of circuit

D:-Results in higher packing density

Correct Answer:- Option-A

Question11:-Which of the following is not a browser?

A:-Windows Explorer

B:-Mozilla Firefox

C:-Mosaic

D:-Google chrome

Correct Answer:- Option-A

Question12:-The extend option available in display settings while connecting a projector to laptop indicates that

A:-the same contents should be shown in both laptop screen and projector

B:-the laptop screen should be made blank and display occurs in projector screen only

C:-the projector screen should be made blank display occurs in laptop screen only

D:-the laptop screen will show some portion of the entire display and the remaining on projector screen

Correct Answer:- Option-D

Question13:-Which of the following is not an input device?

A:-Scanner

B:-Console

C:-Barcode reader

D:-Touch screen

Correct Answer:- Option-B

Question14:-Which of the following is a valid screen resolution?

A:-1024 × 768

B:-1366 × 768

C:-1280 × 600

D:-All of the above

Correct Answer:- Option-D

Question15:-How many printing pins are available in dot matrix printer head?

A:-32 pins

B:-16 pins

C:-9 pins

D:-24 pins

Correct Answer:- Option-D

Question16:-The official name of a network switch is

A:-TCP Bridge

B:-MAC Bridge

C:-Ethernet bridge

D:-Packet bridge

Correct Answer:- Option-B

Question17:-CIDR stands for

A:-Classless Inter-Domain Routing

B:-Classful Inter Domain Routing

C:-Classless Intra Domain Routing

D:-Classful Intra Domain Routing

Correct Answer:- Option-A

Question18:-Email was first introduced by the person

A:-Ray Tomlinson

- B:-Tim Bernes Lee
- C:-Patrick Naughton
- D:-Emilio Larrace

Correct Answer:- Option-A

Question19:-Fusing is a process used in

- A:-ROM programming
- B:-Laser Printing
- C:-Inkjet printing
- D:-Data retrieval from damaged hard disks

Correct Answer:- Option-B

Question20:-The connector used for connecting a cable to the computer network switch is

- A:-RJ 11
- B:-RJ 15
- C:-RJ 41
- D:-RJ 45

Correct Answer:- Option-D

Question21:-Who among the following persons is known as 'Modern Manu'?

- A:-M.N. Roy
- B:-Jawaharlal Nehru
- C:-Dr. Rajendra Prasad
- D:-Dr. Ambedkar

Correct Answer:- Option-D

Question22:-Which article of the Indian Constitution gives the guarantee of equality of opportunity in matters of public employment?

- A:-Article 14
- B:-Article 16
- C:-Article 30
- D:-Article 23

Correct Answer:- Option-B

Question23:-What is the retirement age of the Supreme Court Chief Justice?

- A:-64 years
- B:-60 years
- C:-65 years
- D:-62 years

Correct Answer:- Option-C

Question24:-What is the retention period for reply to R.T.I. (Right to Information) application?

- A:-30 days
- B:-14 days
- C:-90 days
- D:-7 days

Correct Answer:- Option-A

Question25:-Name the first Indian state to enact the food security legislation even before the National Food security Bill of 2013

- A:-Maharashtra
- B:-Nagaland
- C:-Chattisgarh
- D:-Punjab

Correct Answer:- Option-C

Question26:-'The Rajyasamacharam', first malayalam news paper was published from

- A:-Kottayam
- B:-Thalassery
- C:-Kannur
- D:-Thirur

Correct Answer:- Option-B

Question27:-Who is the founder of the 'Namboothiri Yuvajanasangham'?

- A:-V.T. Bhattathiripad
- B:-E.M.S. Namboothiripad
- C:-Desamangalath Sankaran Namboothiripad
- D:-Unni Namboothiri

Correct Answer:- Option-A

Question28:-Who is the founder of the journal 'Abhinava Keralam'?

A:-K.P. Kesava Menon

B:-Moorkoth Kumaran

C:-Vagbhatananda

D:-Sahodaran Ayyappan

Correct Answer:- Option-C

Question29:-Who was the president of the Guruvayoor Satyagraha Committee?

A:-K. Kelappan

B:-Subrahmaniam Thirumumpu

C:-A.K. Gopalan

D:-Mannath Padmanabhan

Correct Answer:- Option-D

Question30:-Who among the following poets is the court poet of Udayavarma of Kolathunadu?

A:-Athula

B:-N.V. Krishna Warriar

C:-Ramapurath Warriar

D:-Cherusseri Namboothiripad

Correct Answer:- Option-D

Question31:-Who called Akkamma Cheriyan as the 'Jhansi Rani of Kerala'?

A:-Rabindranath Tagore

B:-Mahatma Gandhi

C:-Subhash Chandra Bose

D:-Swami Vivekananda

Correct Answer:- Option-B

Question32:-Who among the renaissance leaders consecrated mirror for first time in South India?

A:-Sree Narayana Guru

B:-Chattampi Swamikal

C:-Ayyankali

D:-K.P.Karuppan

Correct Answer:- Option-A

Question33:-Who called the British rule as 'White Devil Rule'?

A:-Pampadi John Joseph

B:-Dr. Palpu

C:-Mannath Padmanabhan

D:-Vaikunda Swamikal

Correct Answer:- Option-D

Question34:-Who is the author of the book, 'Treatment of Thiyyas in Travancore'?

A:-Dr. Palpu

B:- Dr. Sugathan

C:-Itty Achuthan

D:-John Munro

Correct Answer:- Option-A

Question35:-Who is known as 'Kerala Lincoln'?

A:-M.C. Joseph

B:-K.P. Karuppan

C:-Vakkom Abdul Khadar Moulavi

D:-C. Krishnan

Correct Answer:- Option-B

Question36:-Who is the first Jnanpith Award winner, the highest Indian Literary honour?

A:-S.K. Pottakkad

B:-M.T. Vasudevan Nair

C:-G. Sankara Kurup

D:-O.N.V. Kurup

Correct Answer:- Option-C

Question37:-Name the operation carried out for the liberation of Goa in 1961

A:-Operation Shakti

B:-Operation Blue star

C:-Operation Meghadoot

D:-Operation Vijay

Correct Answer:- Option-D

Question38:-The Palaruvi waterfall is in which district of Kerala?

A:-Thiruvananthapuram

B:-Ernakulam

C:-Kollam

D:-Wayanad

Correct Answer:- Option-C

Question39:-The NITI Aayog, replacing the National planning commission was formed in

A:-2016

B:-2015

C:-2014

D:-2017

Correct Answer:- Option-B

Question40:-Which of the following nation conducted the 'Miss Camel' contest, world's largest camel beauty contest?

A:-Saudi Arabia

B:-Iraq

C:-Oman

D:-Yemen

Correct Answer:- Option-A

Question41:-Reserve Bank of India (RBI) nationalized in

A:-1935

B:-1948

C:-1947

D:-1950

Correct Answer:- Option-B

Question42:-Which of the following is not an objective of Discount and Finance House of India (DFHI)?

A:-Stimulate Activity in Money Market Instruments

B:-Deals in Treasury Bills, Certificate of Deposits and Commercial papers

C:-Participates in Call and Short Notice Markets

D:-Engaged in stock broking activities

Correct Answer:- Option-D

Question43:-The minimum denomination for a Certificate of Deposit is

A:-Rs. 1,00,000

B:-Rs. 50,000

C:-Rs. 25,000

D:-Rs. 10,000

Correct Answer:- Option-A

Question44:-What are Stalwarts?

A:-Shares that are highly volatile

B:-Shares of companies with growth rate greater than the growth rate of GDP of the country

C:-Shares with good track record of earnings and dividend payouts

D:-Shares with stable market prices

Correct Answer:- Option-B

Question45:-Which of the following is not a method of Selective Credit Control by Reserve Bank of India?

A:-Open market Operation

B:-Differential Rates of Interest

C:-Restriction on Clean Advances

D:-Issuing directives

Correct Answer:- Option-A

Question46:-Expand MIGA

A:-Multinational Income Guarantee Agreement

B:-Multicurrency Investment Generating Agency

C:-Multilateral Investment Guarantee Agency

D:-Multilateral Income Generating Agreement

Correct Answer:- Option-C

Question47:-Which of the following is not a Counter Trade in Foreign Trade Transactions?

A:-Barter

B:-Compensation

C:-Forfeiting  
D:-Counter purchase  
Correct Answer:- Option-C

Question48:-What are the three basic theories of International business?

A:-The theory of Comparative Advantage, The Imperfect Market Theory and Product Life Cycle Theory  
B:-The Theory of Marginal Advantage, The Perfect Market Theory and Theory of Business Cycles  
C:-The Theory of Competitive Advantage, The Compensation Theory and Brand Life Cycle Theory  
D:-None of the above  
Correct Answer:- Option-A

Question49:-Which of the following is an exchange rate system?

A:-Fixed  
B:-Freely floating  
C:-Pegged  
D:-All of the above  
Correct Answer:- Option-D

Question50:-Comparative Cost Advantage Theory was propounded by

A:-Adam Smith  
B:-Alfred Marshal  
C:-David Ricardo  
D:-Joel Dean  
Correct Answer:- Option-C

Question51:-Research studies with an objective to portray accurately the characteristics of a particular individual, situation or group is known as

A:-Exploratory Research  
B:-Descriptive Research  
C:-Diagnostic Research  
D:-Hypothesis Testing Research  
Correct Answer:- Option-B

Question52:-Systematic Sampling is a method of

A:-Judgement Sampling  
B:-Non-random Sampling  
C:-Probability Sampling  
D:-None of these  
Correct Answer:- Option-C

Question53:-The basic principles of Experimental Research Designs are enumerated by

A:-R.A. Fisher  
B:-Spencer and Seligman  
C:-Horace secrist  
D:-Thomas Bayes  
Correct Answer:- Option-A

Question54:-Interval scales have the mathematical properties of

A:-Order only  
B:-Order and Distance only  
C:-Order, Distance and Absolute zero  
D:-None of the above  
Correct Answer:- Option-B

Question55:-Observation Method is a method of collecting

A:-Primary Data  
B:-Secondary Data  
C:-Time Series Data  
D:-Panel Data  
Correct Answer:- Option-A

Question56:-Pantry Audit is associated with

A:-An Auditing Technique  
B:-Auditing of Pantry Records  
C:-A Method of Data Collection  
D:-None of the above  
Correct Answer:- Option-C

Question57:-Standard Error is

- A:-Sampling Error
- B:-Standard Deviation
- C:-Average
- D:-None of the above

Correct Answer:- Option-B

Question58:-Which Committee is known as "Committee on Banking Sector Reforms"?

- A:-Narashimham Committee II
- B:-Malhotra Committee
- C:-Gadgil Committee
- D:-Rangarajan Committee

Correct Answer:- Option-A

Question59:-The provision requirement for Non performing Assets that are classified as Loss Assets is

- A:-0.25%
- B:-40%
- C:-15%
- D:-100%

Correct Answer:- Option-D

Question60:-Parallel Loan is a technique used for hedging

- A:-Economic Exposure
- B:-Translation Exposure
- C:-Transaction Exposure
- D:-None of these

Correct Answer:- Option-C

Question61:-A distribution having a relatively high peak is called

- A:-Leptokurtic
- B:-Platykurtic
- C:-Mesokurtic
- D:-None of these

Correct Answer:- Option-A

Question62:-In India, the National Income estimation is the responsibility of

- A:-NITI Ayog
- B:-Central Statistical Organisation
- C:-National Sample Survey Organisation
- D:-Ministry of Commerce and Industry

Correct Answer:- Option-B

Question63:-Power of a hypothesis test is the probability of

- A:-Committing a type I error
- B:-Committing a type II error
- C:-Not committing a type I error
- D:-Not committing a type II error

Correct Answer:- Option-D

Question64:-The N.K. Singh Committee (FRBM Review Committee) on fiscal discipline recommended the central government to reduce its fiscal deficit to \_\_\_\_\_ by 2023.

- A:-3.0%
- B:-2.8%
- C:-2.5%
- D:-2.2%

Correct Answer:- Option-C

Question65:-Which among the following is NOT a correct interpretation of the p-value?

- A:-The p-value is a number between 0 and 1
- B:-A small p-value indicates strong evidence against the null hypothesis
- C:-A large p-value indicates strong evidence against the null hypothesis
- D:-p-values very close to the cutoff are considered to be marginal and could go either way

Correct Answer:- Option-C

Question66:-Personal income includes

- A:-Social security contributions
- B:-Undistributed corporate profits
- C:-Corporate taxes
- D:-Transfer payments

Correct Answer:- Option-D

Question67:-In a moderately symmetrical distribution, quartile deviation equals

A:-0.6745 standard deviation

B:-0.6745 mean deviation

C:-0.7979 standard deviation

D:-0.7979 mean deviation

Correct Answer:- Option-A

Question68:- "NNP\_{FC}" equals

A:- "GDP\_{MP}" - Consumption of fixed capital - net indirect taxes

B:- "GDP\_{MP}" - Consumption of fixed capital - net indirect taxes + net factor income from abroad

C:- "GNP\_{MP}" - Consumption of fixed capital - net indirect taxes - net factor income from abroad

D:- "GDP\_{MP}" - Consumption of fixed capital + net indirect taxes - net factor income from abroad

Correct Answer:- Option-B

Question69:-Match the following :

- |   |  |
|---|--|
| i. Chelliah Committee                   | a. Introduction of value added tax (VAT) in India                    |
| ii. Vijay Kelkar Committee              | b. Introduction of GST   |
| iii. LK Jha committee                   | c. Reducing the cost of imported inputs                              |
| iv. Constitution (115th Amendment) Bill | d. Empower CDBT with appropriate administrative and financial powers |

A:-i-c, ii-d, iii-a, iv-b

B:-i-b, ii-c, iii-d, iv-a

C:-i-c, ii-b, iii-a, iv-d

D:-i-d, ii-c, iii-b, iv-a

Correct Answer:- Option-A

Question70:-Which among the following is NOT a property of statistical variance?

A:-The variance is independent of change of origin

B:-The variance is independent of the change of scale

C:-The value of variance is always positive

D:-Zero variance indicates that all the values are equal in the distribution

Correct Answer:- Option-B

Question71:-Net economic welfare is derived from the real GNP by deducting the following components except

A:-Depreciation

B:-Environmental pollution

C:-Value of non-market activities

D:-Regrettable costs

Correct Answer:- Option-C

Question72:-Choose the correct statement/s about normal distribution

A:-It is a continuous distribution of data

B:-For normal distribution, mean = median = mode

C:-It is commonly known as the bell curve

D:-All the above

Correct Answer:- Option-D

Question73:-Arrange the following sectors in the correct descending order of their contribution to Gross value Added of India during 2016-17 at constant prices :

- i. Construction
- ii. Manufacturing
- iii. Agriculture, Forestry and Fishing
- iv. Trade, hotel, Communication and services related to broadcasting

A:-iv-ii-iii-i

B:-iv-iii-ii-i

C:-ii-iv-i-iii

D:-iii-iv-i-ii

Correct Answer:- Option-A

Question74:-The value of national output with a constant price level and adjusting the inflation rate is



- A:-Price index
- B:-Nominal GDP
- C:-Real GDP
- D:-Per capital income

Correct Answer:- Option-C

Question75:-Identify the correct statement related to Goods and Services Tax Bill

- A:-Surcharge on supply of goods, cesses, special ad-on duty of customs, add-on duties of customs and excise and central excise duty would be replaced by Central Taxes GST
- B:-Entertainment tax, entry tax, purchases tax, central sales tax, VAT, etc. would be replaced by Central Tax GST
- C:-The 2014 bill modified and updated the 2011 bill provision that imposed certain restrictions on the states on taxation of the products that are important for inter-state commerce and trade
- D:-All the above

Correct Answer:- Option-A

Question76:-Net factor income earned from abroad includes the following component/s

- A:-Net compensation of employees
- B:-Net income from property
- C:-Net retained earnings of the resident companies working in foreign countries
- D:-All the above

Correct Answer:- Option-D

Question77:-The statistical test used to determine whether two population means are different when the variances are known and the sample size is large is called

- A:-Chi square test
- B:-z-test
- C:-One tailed test
- D:-None of these

Correct Answer:- Option-C

Question78:-Consider the following statements related to incidence of a tax

Statement I : The incidence of a unit tax on the buyers will be less than the amount of the tax when the commodity is being produced under increasing cost conditions.

Statement II : The incidence of tax on the buyers will be greater than the tax when the commodity is being produced under decreasing cost conditions.

- A:-Statement I alone is correct
- B:-Statement II alone is correct
- C:-Statement I and II are correct
- D:-Statement I and II are incorrect

Correct Answer:- Option-C

Question79:-Identify the wrong criteria for the distribution of plan assistance according to Gadgil formula

- A:-Population - 60%
- B:-Tax efforts - 7%
- C:-Per capita state income - 25%
- D:-Special problems of individual states - 7.5%

Correct Answer:- Option-B

Question80:-In the simple linear regression model  $y = \alpha + \beta x + \epsilon$ , the structural parameter is

- A:-  $y$
- B:-  $x$
- C:-  $\beta$
- D:-  $\epsilon$

Correct Answer:- Option-C

Question81:-If fixed cost is Rs. 6,000, selling price is Rs. 5 per unit and variable cost is Rs. 2 per unit, the break-even point shall be \_\_\_\_\_.

- A:-500 units
- B:-1000 units
- C:-2000 units
- D:-2500 units

Correct Answer:- Option-C

Question82:-\_\_\_\_\_ is the amount at any given volume of output by which aggregate costs are changed if the volume of output is increased or decreased by one unit.

- A:-Differential cost

B:-Marginal cost

C:-Average cost

D:-Imputed cost

Correct Answer:- Option-B

Question83:-Angle of incidence is \_\_\_\_\_.

A:-Angle between total sales line and total cost line

B:-Angle between variable cost line and fixed cost line

C:-Angle between fixed cost line and total sales line

D:-Angle between total cost line and variable cost line

Correct Answer:- Option-A

Question84:-Which of the following is not true?

A:-Contribution = Fixed Cost + Profit

B:-Profit = Contribution - Fixed cost

C:-Variable Cost = Sales - Contribution

D:-Fixed Cost = Contribution + Profit

Correct Answer:- Option-D

Question85:-If profit is Rs. 8,000, selling price per unit is Rs. 10 and variable cost per unit is RS. 6, margin of safety shall be \_\_\_\_\_.

A:-Rs. 20,000

B:-Rs. 13,333

C:-Rs. 3,200

D:-Rs. 4,800

Correct Answer:- Option-A

Question86:-If sales revenue is Rs. 1,00,000, profit is Rs. 20,000 and PV ratio is 40%, the BEP shall be \_\_\_\_\_.

A:-Rs. 8,000

B:-Rs. 24,000

C:-RS. 50,000

D:-Rs. 40,000

Correct Answer:- Option-C

Question87:-\_\_\_\_\_ is concerned with probable events likely to happen under anticipated conditions during a specified period of time.

A:-Estimate

B:-Forecast

C:-Budget

D:-All of these

Correct Answer:- Option-B

Question88:-Flexible budget is \_\_\_\_\_.

A:-Dynamic budget

B:-Variable budget

C:-Sliding scale budget

D:-All of these

Correct Answer:- Option-D

Question89:-The budget that summarises and integrates all the individual budgets within an organisation, is called as \_\_\_\_\_.

A:-Summarised budget

B:-Master budget

C:-Operating budget

D:-All of these

Correct Answer:- Option-D

Question90:-Static budget is also called as \_\_\_\_\_.

A:-Master budget

B:-Functional budget

C:-Fixed budget

D:-Flexible budget

Correct Answer:- Option-C

Question91:-Who is the father zero-based budgeting?

A:-Jimmy Carter

B:-Peter Pyhrr

C:-James Wilson

D:-Eugene Fama

Correct Answer:- Option-B

Question92:- \_\_\_\_\_ is the practice of preparing the budget based on evaluation of productivity of different operations in an organisation.

- A:-Performance budgeting
- B:-Conventional budgeting
- C:-Activity-based budgeting
- D:-Zero-based budgeting

Correct Answer:- Option-A

Question93:-If interest rate offered on an investment is 10% per annum and interest is payable half yearly, the effective rate of interest will be \_\_\_\_\_.

- A:-10.10% per annum
- B:-10.25% per annum
- C:-10.38% per annum
- D:-10.50% per annum

Correct Answer:- Option-B

Question94:-The proposals which compete each other are called as \_\_\_\_\_.

- A:-Mutually exclusive proposals
- B:-Independent proposals
- C:-Dependent proposals
- D:-Contingent proposals

Correct Answer:- Option-A

Question95:- \_\_\_\_\_ is the factor in the activities of an undertaking which at a particular point in time or over a period will limit the volume of output.

- A:-Governing factor
- B:-Key factor
- C:-Limiting factor
- D:-All of these

Correct Answer:- Option-D

Question96:- \_\_\_\_\_ refers to a situation where a firm is not in a position to invest in all profitable projects due to the constraints on availability of funds.

- A:-Capital budgeting
- B:-Investment decision making
- C:-Capital rationing
- D:-Capital expenditure decision

Correct Answer:- Option-C

Question97:- \_\_\_\_\_ is the ratio establishes relationship between present value of cash inflows and present value of cash outflows.

- A:-Profitability Index
- B:-Net Present Value
- C:-Internal Rate of Return
- D:-Net Terminal Value

Correct Answer:- Option-A

Question98:-The length of time required to recover the initial investment is called as \_\_\_\_\_.

- A:-Pay-off period
- B:-Replacement period
- C:-Pay back period
- D:-All of these

Correct Answer:- Option-D

Question99:-Benefit cost ratio is called as \_\_\_\_\_.

- A:-Average Rate of Return
- B:-Accounting Rate of Return
- C:-Desirability factor
- D:-All of these

Correct Answer:- Option-C

Question100:-Return in ARR method refers to \_\_\_\_\_.

- A:-Earnings before depreciation and before tax
- B:-Earnings after depreciation and after tax
- C:-Earnings after depreciation but before tax
- D:-Earnings after tax but before depreciation

Correct Answer:- Option-B