

Rohul Bhetoni L Quant (Vishwas CA) Simular

The ratio of income of A and B is 5: 4 and their expenditure is 3: 2. If at the end of year each saves ₹ 1,600, then the income of A is:

(A) ₹3,400

(C) ₹ 4,000

(B) $\stackrel{?}{=} 3,600$ $\stackrel{?}{=} 1600$ $\stackrel{?}{=} 1600$ $\stackrel{?}{=} 14,400$ $\stackrel{?}{=} 12 \times -12 \times = -1600$

51800

rk montanas sida ani le The mean proportional between $12x^2$ and $27y^2$ is:

8x2 + 9y200

(A) 18xy

(B) 81xy

- (C) 8xy
- (D) 19.5xy

3. $\log_2 \log_2 \log_4 \frac{256}{256} + 2 \log_{\sqrt{2}} 2$ is equal to :

- (A) 2 $\log_2 \log_2 2^2 + 2 \log_2 (4)^2 (B) 3$ (C) 5 1 + 4 = 5 (D) 7

What is the value of $\left(\frac{x^b}{x^c}\right)^{(b+c-a)} * \left(\frac{x^c}{x^a}\right)^{(c+a-b)} * \left(\frac{x^a}{x^b}\right)^{(a+b-c)}$?

(A) x^{abc}

- (B) $x^{(a+b+c)} \rightarrow yclic \rightarrow poul x$ will be o

(C) -1

10 . A disticion recommends mixing of two kinds of foods to A number consists of two digits. The digits in the ten's place is 3 times the digit in the unit's place. If 54 is subtracted from the number, then the digits are reversed. The number is: 43-54=39

(A) 39

(B) 62

(C) 93

(D) 31

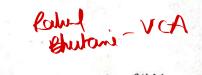
A person purchased 2 apples and 5 bananas at the cost of ₹ 90. Later he visited to another shop where shopkeeper told him that if you give me ₹ 50 and one banana, I can give you 3 apples. He agreed to the deal. What is the cost of one apple and one banana?

(A) (15, 10)

- (B) (10, 15) 2x + 5y = 90
- (C) (10, 20) (20, 10) (20, 10) (20, 10)

SPK

4 = 3x-50 2x + 5 (3x 50) = 90 2x+15x-250=90 $\chi = 20, y = 10$



For If one of the root of the equation $x^2 - 3x + k = 0$ is 1, then the value of 'k' is:

If one of the root of the cubic equation $3x^3 - 5x^2 - 11x - 3 = 0$ is $-\frac{1}{3}$, then

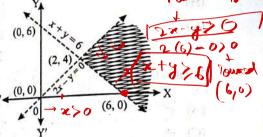
other two roots are:

(A) 1 & 3(C) 1 & -3(D) -1 & -3(D) -1 & -3(D) -1 & -3(E) -1 & 3(D) -1 & 3(D) -1 & 3(E) -1 & 3(D) -1 & 3(E) -

x+y>6; 2x-y>0; x>0

(B) x + x < 6; 2x - y > 0; x < 0(C) x+y>6; 2x-y>0; x>0

(D) x+y>6; 2x-y>0; x+y>0



L'ulas A dietician recommends mixture of two kinds of foods to a person so that mixture contains at least 45 units of carbs, 25 units of protein, 15 units of fat and 15 units of fibre. The above contents of nutrients are available in the foods as below :

25 0010 11	Carbs	Protein	Fat	Fibre
Food-1	20	5	3	2
Food-2	10	2	4	5

If 'x' units of food-1 is mixed with 'y' units of food-2, how dietician recommendation can be expressed?

- (A) $20x + 10y \le 45$; $5x + 2y \ge 25$; $3x + 4y \le 15$; $2x + 5y \ge 15$; $x \ge 0$; $y \ge 0$
- (B) $20x + 10y \le 25$; $5x + 2y \ge 45$; $3x + 4y \le 15$; $2x + 5y \ge 15$; $x \ge 0$; $y \ge 0$
- $20x + 10y \ge 45; 5x + 2y \ge 25; 3x + 4y \ge 15; 2x + 5y \ge 15; x \ge 0; y \ge 0$
- (D) $20x + 10y \le 45$; $5x + 2y \le 25$; $3x + 4y \le 15$; $2x + 5y \le 15$; $x \ge 0$; $y \ge 0$

11 The sum required to earn a monthly interest of ₹ 1,200 at 18% per annum simple interest is: (B) ₹60,000 (A) ₹50,000 (D) ₹ 66,000 € 80,000 The compound interest on ₹40,000 at 12% per annum compounded quarterly for 6 months is: (B) ₹ 2,463 (A) ₹ 2,643 (C) ₹ 2.364 At a certain rate of interest per annum, the difference between the compound interest and simple interest on ₹ 3,00,000 for two years is ₹ 480, then the rate of interest per annum is: (A) 2% (C) 6% (BOY The value of a machine depregates every year at the rate of 10% per annum, on its value at the beginning of that year. If the present value of the machine is ₹72,900, then machine's worth 3 years ago was: (B) ₹80,000 ago> Priz (A) ₹94,710 (C) ₹ 1.00.000 (D) ₹75,087 72900= P(1-10 15. "" 1,00,00 What is the effective rate of interest when principal amount of ₹ 50,000 deposited in a nationalized bank for one year, corresponding to a nominal rate of interest 6% per annum payable half yearly? (B) 6.07% (A) 6.06% (D) 6.09% 6.08% 16. Kanta wants to accumulate \$4.91,300 in her savings account after three years. The rate of interest offered by bank is $6\frac{1}{4}$ % per annum compounded annually. How much amount should she invest today to achieve her target amount? ₹ 4,09,600 (B) ₹4,37,500 (D) ₹49,600

491300 = P (1.0625)3

·

(C) ₹46,900

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17. Mr. X makes a deposit of ₹ 12,000 in a bank where the amount doubles at compound interest in 5 years, then what will be the total amount he will have

after twenty years?

12000

(A) ₹96,000 ₹ 1,24,000

The Earning Per Share (EPS) of a company for five years is given below: 1000

The I	carning i ci	Oliui - (1 100	
Year	2019	2020	2021	2022	2023
EPS	40	25	40	60	90
LID					

Calculate the Compounded Annual Growth Rate (CAGR) of EPS.

(A) 24.47%

22.47%

21.47%

In an account paying interest @ 9% per year compounded monthly, ₹ 200 is invested at the end of each month. What is the future value of this annuity after 10th payment?

{Where $(1.0075)^{10} = 1.0775$ }

(A) ₹ 1.022 (C) ₹ 2,044

(D) ₹2,155

20 What is the present value of ₹ 1,000 to be received after two years compounded annually at 10% interest rate?

(A) ₹800

(C) ₹836

(D) ₹835

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(2016) What is the annual contribution required by an organization to accumulate ₹ 20,00,000 in ten years for the construction of a new manufacturing plant, utilizing a sinking fund with an annual interest rate of 6% compounded annually?

(7)

{Where A(10, 0.06) = 13.180785}

I(B) ₹ 1.67,440.90

(C) ₹ 1,75,433.60

Joto

CONY

An investor intends to purchase a three year ₹ 1,000 par value bond having nominal interest rate of 10%. At what price the bond may be purchased now, if it matures at par and the investor requires a rate of return of 14%?

(A) ₹904

(B) 3 907.125

(C) ₹905.25

23. A loan of ₹ 16,550 is to be paid in three equal annual instalments at compound interest. The value of annual instalment, if the rate of interest is 10% per 16,550 annum is:

(C) ₹ 6,565

24. A Perpetuity has a cash flow of ₹ 625 and a required rate of return of 8%. If the cash flow is expected to grow at a constant rate of 4% per year, then the intrinsic value of this perpetuity (present value of growing perpetuity) is:

(B) ₹ 13,000

(C) ₹ 14,250

(D) ₹ 16.667

(8)

In a class of 4 boys and 3 girls, they are required to sit in a row in such a way

In a class of 4 boys and 5 girls. Compute, in how many different ways they that no two girls can sit together. Compute, in how many different ways they can sit together.

- (A) 60
- (C) 720

How many total combinations can be formed of 8 different counters marked as 1, 2, 3, 4, 5, 6, 7 & 8, taking 4 counters at a time and there being at least one odd and one even numbered counter in each combination?

27 In a party every person shakes hands with every other person. If there are 105 handshakes in total, find the number of persons in the party.

(C) 21

28. A selection is to be made for one post of Principal and two posts of Vice-Principal. Amongst the six candidates called for the interview, only two are eligible for the post of Principal, while they all six are eligible for the post of Vice-Principal. The number of possible combinations for the selection is z

(A) 4

(C) 18

Most A roadside tea stall merchant borrows ₹ 9,000 at 2.76% Simple Interest per annum. The principal and the interest are to be paid in 10 monthly instalments. If each instalment is double than the preceding one, find the value of the last instalment.

(A) 1,024

(C) 9,207

x (2 -1) = 9207 =>x = 9 t10= 9x2=1608

30/If for an infinite geometric progression, first term is 'a', common ratio is 'r'. the sum is 8 and the second term is $\frac{7}{8}$, then:

(A)
$$a = 3 \& r = \frac{7}{24}$$

The numbers x, 8, y are in G.P. and the numbers x, y, -8 are in A.P. The values of x and y respectively shall be:

If fourth term of A.P. series is zero, then what is the ratio of twenty-fifth term to eleventh term? a+3d=0=0=-3d

(A) 5

La Gues Levo 33. Let $A = \{1, 2, 3\}$ and consider the relation $R = \{(1, 1), (2, 2), (3, 3), (1, 2), (2, 2), (3, 3), (1, 2), (2, 2), (3, 3), (3, 3), (3, 2), (3, 3$ (2,3),(1,3)}, then R is Ref 2 Toons

- (A) Reflexive but not ransitive
- Reflexive but not symmetric
- Symmetric and Transitive
- (D) Neither symmetric nor transitive

34 If $f(x) = x^2 + x - 1$ and 4f(x) = f(2x), then find the value of 'x'.

(A) 3/2

(C) 3/4

(10)

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If a set contain n elements, then the total number of proper subsets of set is:

(D) $2^{n}-2$

ATP CHOWN Seedings

36. A town has a total population of 50,000. Out of it 28,000 read the newspaper X' and 23,000 read newspaper 'Y', while 4,000 read both the newspapers. The number of persons not reading any of the two newspapers are:

(a)c

37. If $x^y \times y^x = 16$, then the value of $\frac{dy}{dx}$ at (2, 2) is: Jay 1 flogret x logy - los 16

38 If $x = t^2$ and $y = t^3$, then $\frac{d^2y}{dx^2}$ is equal to:

 $\log_{e} x \, dx$ is equal to :

(A) $x \log_e(ex) + c$

 $x \log_{e} \left(\frac{x}{e}\right) + c$

(C) $x \log_e \left(\frac{e}{x}\right) + c$

(D) $\log_e\left(\frac{x}{e}\right) + c$

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Job

42. If TAP is coded as SZO in a language, then how is FRIEND coded in same

(A) CMDHQE

(B) QEDHCM C(D) EQHDMC

(C) EQIENE

43. Find the odd man out from the following series: 7, 23, 47, 119, 101, 28

ICAL 44. In a certain code, RIPPLE is written as 613382 and LIFE is written as 8192. How is PILLER written in that code?

(A) 318826

(B) 318286

(C) 618826

(D) 338816

45, AZ, GT, MN,...., YB, EV. The value at blank space (....) will be:

(D) TS

SPK 4 1 5 27-7-20 313 27-13=24 (19)27-19=8

O A BID = E	
B F C (12) E/ (VShurosCA)	
6 4	(13)
B F SPK DB	SPK
46. In a multi-storey building on one floor there are six flats in two rows facing	hand points to East. In which direction the minute by
46. In a multi-storey building on one floor there are six facts that the facts and facts and they are allotted to A, B, C, D, E, and F. B gets an East East and West and they are allotted to D. F and D gets diagonally opposite flat. A	hand points to East. In which direction the minute hand will be at 9:30 PM?
66. In a multi- East and West and they are allotted to A, B, C, B, E, and T. D gets an East East and West and they are allotted to A, B, C, B, E, and T. D gets an East facing flat, which is not next to D. F and D gets diagonally opposite flat. A facing flat, which is not next to D. F and D gets diagonally opposite flat. A facing flat, which is not next to D. F and D gets diagonally opposite flat. A	
facing flat, which is not next to D. F and D gets diagonally opposite that. A gets a West facing flat and E gets an East facing flat. Whose flat is between A	(A) South-East (B) North-West
gets a West table	(C) East (D) West
and F?	5)
(A) B (D) F (D) C	But the contract of the contra
(C) D	51. Six persons A, B, C, D, E and F are sitting in a row in a straight line. B is
and had bad	between F & D. F is between A Per A day of a straight line. B is
Balkrishna is Ritik's neighbour and his house is 200 meters away in the north-	between F & D. E is between A & C. A does not sit next to F or D; C does not
west direction from Ritik's house. Jayendra is Ritik's neighbour and his house	sit next to D. F is between which of the following persons?
is located 200 meters away in the south-west direction from Ritik's house.	(A) B&E (B) B&C FBU AEC
Girdhari is Jayendra's neighbour and he stays 200 meters away in the south- east direction from Jayendra's house. Ritik is Girdhari's neighbour and his	DE CEA
house is located 200 meters away in north-east direction from Girdhari's	(C) B&D (D) B&A CEAFED
house. Then where is the position of Ritik's house in relation to Balkrishna's?	1056 BECEA
(A) South-East (B) South-West	CEA ACCER
(B, \mathcal{Z})	In a school cultural committee meeting, four girls Dipti, Aruna, Chandra,
(C) North (D) North-East	Bindu and four boys Gautam, Fancesh, Harendra, Eshaan are sitting in a circle
DOWN (A) (A)	around a table, facing each other as under:
8 If Ajay stands on his head with his face towards North, in which direction will	(i) No two girls or boys are sitting side by side. 2
his left hand point?	(i) No two girls or boys are sitting side by side.
(A) North-East (B) North	(ii) Chandra, who is sitting between Gautam and Eshaan, is facing Dipti,
(C) East (D) North-West	(iii) Faneesh is between Dipti and Aruna and facing Gautam
A CONTRACTOR OF THE CATE OF TH	
Nick of Med Shodow both sight of A. One morning after sunrise, A and B were talking to each other face to face	(iv) Harendra is to the right of Bindu.
very closely at a crossing point. If B's shadow was exactly to the right of A, in	Identify the person whom Eshaan is facing.
which direction B was facing?	The manufacture of the state of
(A) East (B) West Ada A L	(A) Faneesh (B) Bindu
(C) North (D) South (S)	(C) Gautam (D) Harendra G 14
(2) SOUTH 5 16 5	10 7 - FU -
SPK LB EQLA	SPK DFA GCE D
	0 = 0

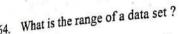
(14) (Vishuranch)	(Hor) =
(14)	(Prof) S - par (con
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SPK Wote: Read the following information carefully and answer the questions (53 to 54) Wote: Read the following information carefully and answer the questions (53 to 54)	
need the following information carefully	58. A family consists of six members P. O. D.
vote: Read below:	SPK SPK couples. Q is a doctor and father of T; U is grandfather of P contractor; S is grandmother of T and it.
Note: Read the following state of the state	couples. Q is a doctor and father of T; U is grandfather of R and is a contractor, one Professor one has
	contractor; S is grandmother of T and is a house-wife. There is one doctor, one Professor, one house-wife and two students in the results of P.
facing a person in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row. M is not at the ends of any row made to stand in the other row.	contractor, one Professor, one house-wife and two students in the family. Find
right of J, who is identify	(A) T (B) S
Who is to the immediate left of B?	(C) R
	Q T
(D) K FM DC B K	P P P
(C) D	59. P is the son of Q while Q & R are sisters to one another. T is the mother of R. If S is son of T, how S is related to P?
Which of the following persons are in the same row?	If S is son of T, how S is related to P?
ADV ADVAI	(A) Brother (B) Cousin ct
(A) BDC (D) MID	(C) Maternal uncle (D) Nephew
(C) MJK	(b) Nephiew
During an interview, seven applicants sitting in a row are awaiting their turn.	CO. Sandhar in day 1 at 1 at 1
Chandrach is sitting left to Kuldeen but on the right to Diksha, Reshina is	60. Sandhya is the daughter-in-law of Shailesh and sister-in-law of Rajan. Manak
eiting right to Kuldeen Privanka is sitting right to Dayain but left to Diksia.	is son of Shailesh and only brother of Rajan. Then, how Sandhya is related to Manak?
Himani is sitting left to Gayatri. The person sitting in the middle must be:	Control of the second
(A) Chandresh (B) Diksha C K	(A) Sister-in-law (B) Aunty
(C) Gayatri (D) Priyanka G P(D) C	(C) Cousin Wife
(c) Gayani	The second secon
A is B's Father. C is B's mother. D is C's Son. E is A's mother. Then how is	61. The Secondary data is collected by :
A related to D?	
(A) Uncle (B) Grandson E	International source like World Bank. + Ward - Sand
(C) Granddaughter (D) Father	(B) Observation method.
(c) Granddauginer A = C A & Footh to D	(C) Interview method.
Pointing to a man in photograph a woman said "The father of his brother is Man father	(D) Mailed questionnaire method.
Tomain to a man in photograph, a woman said. The father of his brother is	
only son of my grandfather", then how is that woman related to the man in photograph?	62. Exit polls are an example of which method of collecting data?
WO WE SHALL I COME A LEAD IN	
(A) Daughter Sister WH - NUT WAT	Random sampling (B) Investigation
(C) Mother (D) Aunty	(C) Census (D) Quota sampling
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Mka	SIR

63. The distribution of commuters coming to a Metro station from early morning hours to peak morning hours follows which type of frequency curve?

(A) Bell shaped curve

J-shaped curve

- U-shaped curve
- (D) Mixed curve



The difference between the highest and lowest values in the data set

- (B) The difference between the mean and median of the data set
- The number of data points in the data set
- (D) The standard deviation of the data set

Series in which frequencies are continuously added corresponding to each class interval in the series:

(A) Frequency

(B) Cumulative frequency series

(C) Deviation

(D) Mid value

The Ogive can be used for making

(A) short term projection

- (B) medium term projection
- long term projection
- group frequency distribution

67. Numerical data presented in descriptive form are called:

- (A) Classified presentation
- (B) Tabular presentation
- Textual presentation
- (D) Graphical presentation

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(17)

What type of data is most appropriate for representing using a Pie chart?

- (A) Continuous data
- (B) Categorical data

Ordinal data

(D) Interval data

If the class intervals of certain data are 10-14, 15-19, 20-24, then the first class boundaries is

(A) 9.5-14.5

(B) 10-14

(C) 10-15

(D) 10.5-15.5

What is the purpose of stratified random sampling?

- (A) To ensure that every individual in the population has an equal chance of being selected.
- To divide the population into subgroups and then randomly sample from each subgroup.
- (C) To select individuals based on their availability and convenience.
- (D) To select a fixed percentage of the population without any specific criteria. which it is to be made there is a should be presented of texturing

71. The mean of a group X is 70 and the mean of group Y is 85. If the number of observations in group Y is five times that of group X, then the combined mean of both the groups is:

(A) 75

(C) 77.5 y = 82.5 y = 85.5 y = 85.5 y = 85.5

72. The Median of the following frequency distribution is: 200+85(50)

x	0-10	10 – 20	20 – 30	30 – 40	40 – 50
f(x)	8	30	40	12	10
1(4)		2.0	79	(B) 22.5	00

(17.5) (D) 24 $24 = 20 + 589 \times 10 = 23$

73. If the mean and median of a moderately asymmetrical series are 70.8 and 68.6 mean = 70.8 median = 68.6

respectively, then the most probable mode is:

mode: 3 med?an · 2 mean

64.2

For a moderately-skewed distribution which of the following relationship

Mean - Mode = 3 (Mean - Median)

- (B) Median Mode = 3 (Mean Median) (C) Mean - Median = 3 (Mean - Mode) which the transfer and the second and the sec
- Mean Median = 3 (Median Mode)
- 75. What is the coefficient of range for the observations 20, 28, 32, 41, 48, 60 ?

- 76. In which of the following there is no impact of presence of extreme observations?
 - Quartile deviation
- (C) Standard deviation
- Variance
- 77. If each observation of a set is divided to 10, then the Standard Deviation of the new observation is:
 - $\frac{1}{10}$ of Standard Deviation of original observation.
 - (B) $\frac{1}{100}$ of Standard Deviation of original observation.
 - 100 times of Standard Deviation of original observation.
 - (D) 10 times of Standard Deviation of original observation.

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The Standard Deviation of the series 3, 6, 9, 12, 15 is:

(C) 4.12

The quartile deviation of the distribution of the following data is

x	2	3	4	3	6
f(x)	2	4	8	4	1
2(00)	2	P	44	18	_lo

Which of the following pairs of events are mutually exclusive?

- (A) A: The student studies in a school.
 - B: He studies Geography.
- (B) A: Archna was born in India.
 - B: She is a fine lawyer.
- (C) A: Sita is 16 years old.
 - B: She is a good folk dancer.

(D) A: Imran is under 15 years of ag

B: He is a voter of Delhi.



Which one holds correct for any two events A and B?

- (A) P(A B) = P(A) P(B)
- (B) $P(A-B) = P(A) P(A \cap B)$
- (C) $P(A B) = P(B) P(A \cap B)$
- (D) $P(A B) = P(B) + P(A \cap B)$

82. Eight labourers are working at a construction site with the following wages for 500, 620, 400, 700, 450, 560, 320, 450

If one of the workers is selected at random, what is the probability that his wage would be less than the average wage?

(A) 0.625 (C) 0.500 (D) 0.450m

83. A box contains shoe pairs of same pattern of different sizes numbered from 1 to 12. If a shoe pair is selected at random, what is the probability that the number on the shoe pair will be a multiple of 5 or 6?

Two cards are drawn at random from a pack of 52 cards. The probability of &c getting either both the red cards or both Kings cards is:

0.2488 (C) 0.8248

85. The probability of success of three students in CA Foundation examination are 1/5, 1/4 and 1/3 respectively. Find the probability that at least two students will get success.

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(A) 2/5

86. If P(A) = 0.65 and P(B) = 0.15, then $P(\overline{A}) + P(\overline{B})$ is:

(A) 1.5

(C) 0.8 (D) 0.35

The quartile deviation of a normal distribution with Mean of 10 and Standard 1 2.70 4 X 0 675

(B) 3.20

(C) 0.675

(D) 6.75

If X and Y are 2 independent normal variables with mean as 10 and 12 and Standard Deviation (S.D.) as 3 and 4 respectively, then (X + Y) is normally x=10+12= so= 132+42=5 distributed with:

(A) Mean = 22 and S.D. = 7

(B) Mean = 22 and S.D. = 25

Mean = 22 and S.D. = 5

(D) Mean = 22 and S.D. = 49

The number of accidents in a year attributed to taxi drivers in a locality follows Poisson distribution with average 2. Out of 500 taxi drivers of that area, what is the number of drivers with at least 3 accidents in a year? (Given

that e = 2.718)

In a class of 100 students, the mean marks was 50 with standard deviation 14.9. Assuming the distribution of marks to be normal, find the number of students who obtained more than 70% marks [at Z = 1.34, area = 0.4099].

P(x>70) (B)

If a random variable X follows Poisson distribution such that P(X = 1) =

P(X = 2), then the mean of the distribution is:

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Which one of the following statement is correct regarding limit of the two regression coefficients?

- (A) No limit.
- (B) Must be positive.
- (C) One positive and the other negative.

Product of the regression coefficients must be numerically less than unity.

- In case of "Insurance companies' profits" and "The number of claims they have to pay", there exists a:
 - (A) Positive correlation

(B) Negative correlation

(C) No correlation

(D) It cannot be predicted

94. The variance of two variables 'x' and 'y' are 16 and 25 and covariance between 'x' and 'y' is 18.5. Another two variables 'u' and 'v' are defined as u = (x - 3)/2 and v = (y - 2)/3, then coefficient of correlation between 'u' and 'v' is :

(A) 0.85

- (D) 0.925

Which of the following statement is correct?

- (A) Both regression coefficients must be less than unity.
- (B) Regression coefficients are independent of origin and scale.
- (C) The regression lines of two independent variables are parallel to each other.
- (D) If two regression lines coincide with each other, there is no correlation between the variates.

perperdicular

(23)

SPK

- 96. The value index is equal to:
 - (A) The total sum of the values of a given year mutalied by the sum of the

(B) The total sum of the values of a given year plus the sum of the values of

(C) The total sum of the values of a given year divided by the sum of the

(D) The total sum of the values of a given year thous the sum of the values

During a certain period the cost of living index goes up from 110 to 200 and the salary of a worker is also raised from ₹ 330 to ₹ 500, then in the real terms,

(A) Gain by ₹ 50 (C) Loss by ₹ 90

- (B) Gain by ₹ 75
- (D) Loss by ₹ 50

Which one of the following test of adequacy is concerned with the measurement of price changes over a period of years, when it is desirable to shift the base? 00

- (A) Unit test
- (B) Time Reversal test

(C) Circular test

(D) Factor Reversal test

The consumer price index for the year 2023 is 273 with 2010 as base year. The average monthly wages of industrial worker in year 2023 is ₹ 8,190. What is the real wage?

(1)

(A) ₹ 2,800

(C) ₹3,200

100. Time Reversal test is satisfied by:

- (A) 'Laspeyre's method out not Fisher's method
- (B) Paasche's method but not Laspeyre's method
- (C) Fisher's method
- (D) Laspeyre's method and Fisher's method