1.	A startup business was initiated by an entrepreneur by investing ₹ 1,40,000.
	His friend joined him after six months with an amount of ₹ 2,10,000.
	six months with an amount of $\stackrel{?}{\stackrel{?}{\stackrel{?}{\stackrel{?}{\stackrel{?}{\stackrel{?}{\stackrel{?}{\stackrel{?}$
	Thereafter an angel investor joined them with ₹ 2,80,000 after another six
	months. What should be the ratio of distribution of total earnings, three years
	since beginning of business among entrepreneur, his friend and angel investor?

(A)	7	6	10
(A)	/	O	10

(D) 2:3:4

The sum of three numbers is 98. If the ratio of the first to second number is 2. 2:3 and that of the second to third is 5:8, then the second number is

(B) 30

$$(C)$$
 48

(D) 58

If $\log \frac{a+b}{4} = \frac{1}{2} (\log a + \log b)$, then the value of $\frac{a}{b} + \frac{b}{a}$ will be

(B) 14

(C) 16

(D) 8

If $4^x = 5^y = 20^z$, then z is equal to

(A) xy

- (B) $\frac{(x+y)}{xy}$ y = x = 207 = y y = xy y = xy

(C) $\frac{1}{xy}$

If ₹ 58 is divided among 150 children such that each girl and each boy gets 5. 25 p and 50 p respectively. Then how many girls are there ?

(A) 52

- (B) 54

25+50= 150 NBD

_	11111
6.	Puru gets on the algorithms and the second s
	Puru gets on the elevator at the 11th floor of a building and rides up at the rate of 57 floors per minute.
	per minute. At the game time I i
	ounding and rides down at the nate of 62 floors
	they continue travelling at these rates, then at which floor will their paths cross?
	(A) 17

(A) 17

(C) 27

51 + 63 × 6

7. The quadratic equation $2x^2 - \sqrt{5}x + 1 = 0$ has

- (A) Two distinct real roots
- (B) Two equal real roots

(C) No real roots

(D) More than two real roots

For equation $x^3 - 6x^2 + 5x + 12 = 0$, the product of two roots is 12. Which of 8. the following is correct set of roots of the equation?

(A) 1, -3, -4

(B) 1, 6, 2

/**S**C7 -1, 3, 4

(D) -1, -6, -2

On solving the inequalities $6x + y \ge 18$, $x + 4y \ge 12$, $2x + y \ge 10$; which of the 9.

(A) (0, 18), (12, 0), (4, 2) and (2, 6)

(B) (3, 0), (0, 3), (4, 2) and (7, 6)

(C) (5, 0), (0, 10), (2, 4) and (2, 6)

(D) (0, 18), (12, 0), (4, 2) and (0, 7)

10. The longest side of a triangle is 2 times the shortest side and the third side is 4 cm shorter than the longest side. If the perimeter of the triangle is at least 61 cm, find the minimum length of the shortest side.

(C) 11 cm

(B) 9 cm

11. A sum of ₹ 725 is lent in the beginning of a year at a certain rate of simple interest. After 8 months, a sum of ₹ 362.50 more is lent but at the rate twice the former. At the end of the year, ₹ 33.50 is earned as interest from both the loans. What was the original rate of interest?

(A) 3.6%

(B) 4.54%

(CX 3.46%

(D) 4.12%

There is 60% increase in amount in 6 years at simple interest. What will be the 12. compound interest of ₹ 12,000 after three years at the same rate?

(A) ₹ 2,160

(D) ₹6,240 P 0-6 = P (1+

The effective annual rate of interest corresponding to a nominal rate of 6% per annum payable half-yearly is

(A) 6.06%

(C) 6.08%

14. The compound interest on a certain sum for 2 years at 10% per annum is ₹ 525. The simple interest on the same sum for double the time at half the rate (A) ₹400 S25= P(B) ₹500 S25 = 20 (C) ₹600 A=P(111) (D) ₹800

12000

Find the future value of an investment of ₹ 7,000 compounded quarterly at

10% per annum for 3 years. [Given that $(1.025)^{12} = 1.34489$]

TAT ₹ 9,414.20

(C) ₹ 7,941.42

(B) ₹7,435.73 941.42 (D) ₹8,000.00 (C V PV × 10 NBD PC V RA

	-	
TA T	m	١
-	עמ	

Raju will pay instalments of ₹ 3,150 per month for the next 3 years towards his loan at an interest rate 12.4%, discounted monthly, what was the approximate amount of loan taken initially? (B) ₹ 9,742.29 3150 (D) ₹ 74,158.24 37 8000

[Given that $(1.01033)^{36} = 1.448$]

(A) ₹ 13,683.60

0-124

₹ 94,345.17

Shiv deposits ₹ 10,000 annually in a bank for 5 years, at 10 percent annual compounding interest rate. Calculate the approximate value of this series of 17. deposits at the end of five years, if each deposit occurs at the beginning of the

₹ 61,050

(C) ₹71,050

(B) ₹67,156 Ann (D) ₹77,160 PV X II

18. If you deposit ₹ 4,000 into an account paying 6% annual interest compounded quarterly, how much approximate money will be in the account after 5 years?

[Given that $(1.015)^{20} = 1.34489$]

(A) ₹3387.42

(B) ₹ 4387.42

₹ 5387.42

(D) ₹ 6387.42

19. Relationship between annual nominal rate of interest and annual effective rate of interest, if frequency of compounding is greater than one

(A) Effective rate < Nominal rate

(P) Effective rate > Nominal rate

(C) Effective rate = Nominal rate

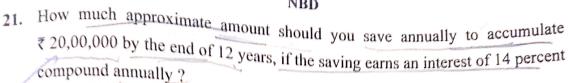
(D) Effective rate = 0.9 times Nominal rate

20. Madhu invests ₹ 15,000 in a scheme and at the time of maturity the amount became ₹ 25,000. If CAGR for this investment is 8.88%, calculate the approximate number of years for which she has invested the amount. [Given that log(1.667) = 0.2219 and log(1.089) = 0.037]

(C) 5.5 years

(B) 7.7 years

(D) 7 years



[Given that $(1.14)^{12} = 4.8179$]

(A) ₹ 4,15,118



(D) ₹ 1.11.200

Dinesh received a cash bonus of ₹ 1,00,000 which he deposited in a bank which pays 10 percent interest compounded annually. How much approximate equal amount can Dinesh withdraw annually for a period of 10 years?

[Given that $(1.1)^{10} = 2.59374$]



XC) ₹ 62,745

- (B) ₹38,554 \ \\ __
- (D) ₹ 32,474

23. Find the approximate future value of an annuity due of ₹ 500 per quarter for 8 years and 9 months at the interest rate of 6% compounded quarterly.

[Given that $(1.015)^{35} = 1.6839$]

- (A) ₹ 13,740.86
- (C) ₹ 56,971.95

(B) ₹ 29,428.23

₹ 22,796.66

0.010

24. A project is expected to provide cash inflows as follows for 3 years:

Year

2

Cash Inflows (₹):

40,000

50,000

30,000

3

The company's cost of capital or required rate of return is 15%. What is the present value of cash inflows of the company?

(A) ₹ 99,240

(C) ₹ 1,12,640

(1019)

30,000 - 02-215

Scanned with OKEN Scanner

In how many of distinct permutations of the letters in "MISSISSIPPI" when four I's do not come together?

(A) 34650

(B) 40320

(C) - 840

(D) 33810

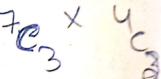
Out of 7 consonants and 4 vowels, how many words of 3 consonants and 2 vowels can be formed?

(A) 210

(B) 1050

25200

(D) 21400



27. Seema, Bharati, Priyanka, Khusboo and Lalita are 5 speakers. The number of ways in which Seema will always speak before Bharati shall be



A team of 3 persons is to be constituted from a group of 2 men and 3 women. In how many ways can this be done if these teams would consist of 1 man and 2 women?

(A) 10

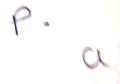
(C) 16

29. Find the sum of n terms of the A.P., whose n^{th} term is 5n + 1.

(A) $\frac{n}{2}$

(c) $\frac{n(7+5n)}{2}$

(D) $\frac{n(7+4n)}{3}$



The sum of first three terms of a G.P. is $\frac{21}{2}$ and their product is 27. Which of the following is not a term of the G.P., if the numbers are positive?

- (C) $\frac{3}{2}$

- NRD

- Insert 4 numbers between 2 and 22 such that the resulting sequence is an
 - (A) 4, 8, 12, 16
 - (C) 4, 10, 15, 19

- (B) 5, 9, 13, 17
- 6, 10, 14, 18
- Find the sum of series $1 + \frac{1}{2} + \frac{1}{4} + \dots$ upto 6 terms. (a) $\frac{63}{32}$ $Sn = \alpha + (n-1) \frac{1}{2} \frac{1}{63}$ $Sn = \alpha + (n-1) \frac{1}{2} \frac{1}{2} \frac{1}{2}$ $Sn = \alpha + (n-1) \frac{1}{2} \frac{1}{2} \frac{1}{2}$ $Sn = \alpha + (n-1) \frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2}$ $Sn = \alpha + (n-1) \frac{1}{2} \frac{1}{2}$

- Which of the following relations is transitive but not reflexive for the set $S = \{3, 4, 6\}$?
 - (C) $R = \{(3, 4), (4, 6), (3, 6)\}$ (B) $R = \{(1, 2), (1, 3), (1, 4)\}$ (D) $R = \{(3, 4), (4, 3)\}$
- 34. If $A = \{1, 2, 3, 4\}$, $B = \{2, 4, 6, 8\}$ and $C = \{3, 4, 5, 6\}$ the value of $A \{B \cup C\}$ is
 - (A) $\{1, 2, 3\}$

y, 6

- 35. The range of the function f(x) = 3x 2 is
 - $(-\infty, \infty)$

(C) $(-\infty, 0)$

- (D) $(0, -\infty)$
- Find the value of $\lim_{x \to 4} \frac{(x^2 2x 8)}{(x 4)}$.
 - (A) 0

(C) 8

NBD

- Evaluate: $\int (3x-2)^2 dx.$

(B) 100

(C) 10

- (D) 52
- 38. Determine f(x), given that $f'(x) = 12x^2 4x$ and f(-3) = 17
 - $f(x) = 4x^3 2x^2 + 143$
- (B) $f(x) = 6x^2 x^4 + 137$
- (C) $f(x) = 3x^4 x^3 137$ (D) $f(x) = 4x^3 2x^2 143$
- 39. Find $\frac{dy}{dx}$, where $x = \frac{e^t + e^{-t}}{2}$ and $y = \frac{e^t e^{-t}}{2}$

 $(B) \frac{x}{y}$

(C) $\frac{e^t}{e^{-t}}$

- 40. What is the differential function of $\sqrt{(x^2+2)}$?
 - (A) $x\sqrt{(x^2+2)} \, dx$

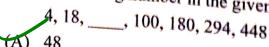
 $\frac{x}{\sqrt{x^2+2}}\,\mathrm{d}x$

(C) $\frac{x}{\sqrt{x^2-2}} dx$

- (D) $-\frac{x}{\sqrt{x^2+2}} dx$
- 41. Identify the next number in the following series: 2, 8, 26, 62, 122, 212,
 - (A) 332

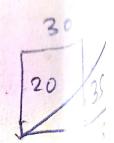
(C) 356

- (D) 362
- Find the missing number in the given series:



(C) 56

- **(B)** 52
- (D) 64



43.	Find	the	odd	man	out	from	the	following	
-----	------	-----	-----	-----	-----	------	-----	-----------	--

445, 221, 109, 46, 25, 11, 4

(A) 25

(B) 46

(C) 109

- (D) 221
- 44. In a certain code "CH4IR" is written as "GL8MV". How is "1N5T4GR4M" is written in that code?
 - (A) 4HFID8E8N

(B) 4P8W7JU8O

(C) 5R9X8KV8Q

- (D) 5KF2E4GR4
- 45. A certain code "564" means "all the best", "736" means "best of luck" and "423" means "all is luck". Which of the following is the code for "luck"?
 - (A) 6

(B) 4

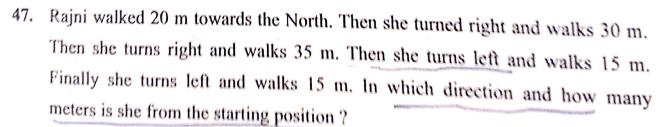
Les 3

- (D) 7
- 46. A man is facing North-West. He turns 90° in the clockwise direction, then 180° in the anticlockwise direction and then another 90° in the same direction. Which direction is he facing now?
 - (A) South

(B) South-West

(C) South-East

(D) East



(A) 15 m West

(B) 30 m East

(C) 30 m West

(5) 45 m East

NBD



	NBD
,	At a crossing, there was a direction pole, which was showing all the four correct directions. But due to the wind, it turns in such a manner that now West pointer is showing South. Harish went in the wrong direction thinking that he was travelling East. In which direction he was actually travelling?
	South (B) North (C) West (D) East
49.	Two cars start from the opposite places on a highway, 150 km apart. First car runs for 25 km and takes a right turn and then runs 15 km. It then turns left and then runs for another 25 km and then takes the direction back to reach the main road. In the mean time, due to minor break down the other car has run only 35 km along the main road. What would be the distance between two cars at this point? (A) 65 km. (B) 75 km. (C) 80 km.
50.	Some boys are sitting in three rows all facing North such that A is in the middle row. P is just to the right of A but in the same row. Q is just behind of P, while R is in the North of A. In which direction of R is Q? (A) South South-East South-East
51.	North direction. Total three number of persons are sitting between H and N. H and O. M is not an immediate neighbour of H or N. I sits third to the right of neighbour of J. Who is sitting between H and M?

Scanned with OKEN Scanner

(A) J (C) I

M3-5 M MOTONE

Questic

J MX

- 52. A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In what position A is sitting?
 - (A) Between B and D

B) Between B and C

(C) Between E and D

(D) Between C and E

53. In a class, there are seven students (including boys and girls) A, B, C, D, E, F and G. They sit on three benches I, II and III, such that atleast two students on each bench and atleast one girl on each bench. C who is a girl student, does not sit with A, E and D. F the boy student sits with only B. A sits on the bench I with his best friends. G sits on the bench III. E is the brother of C.

Which of the following is the group of girls?

(A) BCG

(B) BFC

BCD

the left end?

(D) CDF

54. Five boys A, B, C, D and E are sitting in a row. A is to the right of B and E is to the left of B but to the right of C. A is to the left of D. Who is second from



(C) B

55. Six friends P, Q, R, S, T and U are sitting around the hexagonal table each at one corner and are facing the centre of the hexagonal. P is second to the left of U. Q is neighbour of R and S. T is second to the left of S.

Which one is sitting opposite to P?

(A) R

(B) Q

(C) T

NBD

		1100				
56.	If "A # B" means A is father means A is mother of B, then	of B, "A * B" means A is b which of the following is corn	rother of B, "A @ B", rect about G @ T # p			
	(A) G is mother of P.	(B) P is father of	T. M			
	T is son of G.	(D) P is brother o	fT.			
57.	Pointing to a photograph, Ra	ajesh said, "He is Aarav an	d he is the son ac.			
	only daughter of the father o	f my brother", how Rajesh i	is related to the A-			
	referred in the photograph?		the Aaray			
	Nephew	(B) Brother				
	(C) Father	Maternal Und	ele			
58.	Study the following informat	ion carefully:				
	• A3P means A is the mo					
	• A4P means A is the bro					
	• A9P means A is the hus	er v				
	• A5P means A is the day		Dalhla			
	Which of the following means that K is the mother-in-law of M?					
	(A) M9N3K4J	M9N5K3J	V OI JVI ?			
	(C) K5J9M3N					
	(0) 1333141314	(D) K3J9N4M				
59.	Q, W, E, R, T and Y are me	mbers of a family consisting	r of two shildren one			
	of whom is T is a boy. Q and					
	married to one of the brothe					
	How T is related to Q?	The state of the s	6			
	(A) Father	(B) Brother	TOR			
	(C) Nephew	LOS Son F. C	7 (
	The second second					
60.	K is the son of A's mother's	sister. O is daughter of D.	who is the father of 6			
SC	and grandramer of A. P is ti	ie daughter of H, who is gi	andmother of the			
can	resolute of Fi and G is nusba	nd of L. How is P related to	Q?			
ned	(A) Mother	(B) Sister				
wi t	(C) Daughter	(D) Cousin	2 0			
anned with OKEN S	A -a					
ÊN		- NBD	0			
S		10				

51.	The	mode	of	a	continuous	frequency	distribution	can	be	determined
	grap	hically	fron	1		And an overland the Parket Control of the Andrews	epocari di setti di			,

- (A) By using Histogram
- (B) By using frequency polygon
- (C) By using ogive
- (D) By using frequency curve
- 62. Frequency density corresponding to a class interval for the continuous frequency distribution, is the ratio of
 - (A) class frequency to the total frequency
 - class frequency to the class length
 - (C) class length to the class frequency
 - (D) class frequency to the cumulative frequency
- 63. The curve obtained by joining the points, whose X co-ordinates are the upper limits of the class intervals and Y co-ordinates are corresponding cumulative frequencies, is called

(1) Ogive

(B) Histogram

(C) Frequency polygon

(D) Frequency curve

64. The following data relate to the wages of a group of workers:

Wages (in ₹) :	Below 100	Below 200		
No. of workers :	1.6		Below 300	Below 400
	15	38	A A	
How many workers	got wages mo	re than ₹ 200		(90)
(10) 25	***************************************	aran (300	?	and the same of th
(C) 90 0 (n		(B) 65	1<	1
(c) 30 D OI		(D) -	K	16
		(D) 27	1.1	0

NRD

NBD
65. The law of statistical regularity says that
(A) Sample drawn from the population under discussion possesses the
characteristics of population.
(B) A large sample drawn at random from the population would possess the
characteristics of the population.
A large sample drawn at random from the population would possess the
characteristics of the population on an average.
(D) An optimum level of efficiency can be attained at a minimum cost.
66. A population comprises 5 members. The number of possible samples of size 2,
that can be drawn from it with replacement is
(A) 100 (B) 15
(C) 125 L(D) 25
67. Which of the following statements about simple random sampling is NOT true?
(A) Simple random sampling ensures that each unit in the population has an
equal chance of being selected.
(B) In simple random sampling with replacement, each selected unit is
replaced to the population before the next unit is drawn.
Simple random sampling is highly effective when the population is very
large and heterogeneous.
(D) In a simple random sampling without replacement, a unit is selected, it
will never be selected again.
(0, 1, 6,)
68. A frequency curve which starts with a minimum frequency and then gradually
reaches its maximum frequency at the other extremity is known as

(B) Mixed curve

NBD

J-shaped curve

(A) Bell shaped curve

(C) U-shaped curve

			(17)	
			NBD	
69.	In tal	bulation, source of data, if any,	is sho	wn in the
١٠٠١)	(4)	Footnote	(B)	Body
	(C)	Stub	(D)	Caption
1				
70.	A he	licopter flies from A to B at the	e rate	of 500 km/hr. and comes back at the
	rate 7	700 km/hr. The average speed of	of the l	elicopter is
	(A)	600 km/hr.	(15)	583.33 km/hr.
	(C)	$100\sqrt{35}$ km/hr.	(D)	620 km/hr.
71.	If Ar	rithmetic Mean (A.M.) and Geo	ometri	c Mean (G.M.) of two numbers are
	6.50	and 6 respectively, then the two	numb	ers are
	(A)	6 and 7	(B)	9 and 4
	(C)	10 and 3	(D)	8 and 5
72.	Whic	ch of the following is not a meth	od of	dispersion?
	(A)		(B)	Mean deviation

Mean deviation

(C) Range

Concurrent deviation method

73. Find out co-efficient of variation, if N = 14, $\Sigma fx = 280$ and $\sigma(S.D.) = 3$.

OX 20

(B) 15

(C) 4.67

(D) Zero

74. The monthly profit/loss for six months of the firm is as under

Months :	January	February	March	April		
: (1 m) seen	1,000	900	A	-	-14.5	June
The co-efficient ran	ge of the	above data	ie	-200	-400	2,000

(A) 122

(C) 33.33

(D) 55.55

NBD

75. Which one of the following is the absolute measure of dispersion for open ended distributions?

(A) Range

(C) Mean deviation

(B) Standard deviation

(D) Quartile deviation

76. If the mean of the following frequency distribution is 2.6, then the value of Y is

			* .		
Marks (X) :	1	2	3	4	, 5
No. of Students (f):	8	10	Y	2	4

(4) 16

(B) 6

(C) 26

- (D) 12
- 77. Which one of the following measures of central tendency is based on only fifty percent (50%) of the central values?
 - (A) Geometric Mean
- (B) Harmonic Mean

Median

- (D) Mode
- 78. The Arithmetic Mean (A.M.) and mode of the data are 32 and 26, respectively, then find the median of the data.

(A) 30

(B) 12

(C) 6

(D) 29

n - 26 C

79. Find out the mode from the following data:

100, 110, 125, 225, 325, 125, 90, 80, 455, 375, 125

(A) 325

(B) 11(

(C) 455

((0) 12

NBD

- 80. Two dice are thrown simultaneously. Find the probability that the sum of digits on the two dice would be 8 or more.
 - (A) $\frac{5}{18}$

(C) $\frac{5}{36}$

- 81. A number is selected from the first 20 natural numbers. Find the probability that it would be divisible by 3 or 7.

(C) $\frac{24}{67}$

- 82. A father had three sons namely, Kailash, Harish and Prakash. All are above 65 years in age. Prakash happens to be the eldest while Kailash as youngest. As per the health history, it is estimated that the probability that Kailash survives another 5 years is $\frac{4}{5}$, Harish survives another 5 years is $\frac{3}{5}$ and Prakash survives another 5 years is $\frac{1}{2}$. The probabilities that Kailash and Harish survive another 5 years is 0.46, Harish and Prakash survive another 5 years is 0.32 and Kailash and Prakash survive another 5 years is 0.48. The probability that all three sons survive another 5 years is 0.26. What shall be the probability that at least one of them survives another 5 years?
 - (A) 0.78

83. In a class, there are 15 boys and 10 girls. Three students are selected at random. The probability that 1 girl and 2 boys are selected is

(A) $\frac{21}{46}$

(B) $\frac{25}{17}$

(C) $\frac{1}{50}$

(D) $\frac{3}{25}$

84. Two cards are drawn from a pack of 52 cards. The probability that one is a spade and one is a heart; is

(A) $\frac{3}{20}$

(B) $\frac{29}{34}$

(C) $\frac{47}{100}$

(D) 13

85. A problem is given to 5 students P, Q, R, S and T. If the probability of solving the problem individually is $\frac{1}{2}$, $\frac{1}{3}$, $\frac{2}{3}$, $\frac{1}{5}$ and $\frac{1}{6}$ respectively, then find the probability that the problem is solved.

(A) 0.47

(B) 0.93

(C) 0.57

(D) 0.27

86. In a leap year, what is the probability that there will be 53 Sundays?

(A) $\frac{53}{365}$

(B) 7

(C) $\frac{3}{7}$

(D) $\frac{2}{7}$

87. Poisson probability distribution is appropriately applied in

(A) The height of students in the university.

(B) The distribution of passing of students in university examinations.

(C) Tossing of a coin hundred times.

Number of deaths by a rare disease.

88. If the points of inflexion of a normal curve are 6 and 14, then standard deviation of the distribution is

(C) 917

(B) 8

418 = 14

-) 9.17 (D) 32
- 89. What is the probability of making 3 corrected guesses in 5 True-False answer type questions?

(A) 0.3125

(C) 1.3888

(B) 0.4156

(D) 0.5235

56) (

90. If 5% of the families in large population city do not use gas as a fuel, what will be the probability of selecting 10 families in a random sample of 100 families who do not use gas as a fuel?

[Given that $e^{-5} = 0.0067$]

(A) 0.038

(B) Zero

(C) 0.018

- (D) 0.048
- 91. The correlation co-efficient between X and Y is 0.8. If we add a number 10 in the X variable and subtracted 20 from Y variable, then the new correlation co-efficient will be
 - (A) 0.4

(B) 0.6

(C) 0.9

- (D) J.8
- 92. When both the regression co-efficients are $b_{xy} = 0.7$ and $b_{yx} = 0.8$, respectively, then correlation co-efficient between x and y is

(A) 0.7

(B) 0.56

(C) 0.28

(D) 0.87

NBD

- 93. For 9 college students group, the sum of squares of differences in ranks for History and Hindi marks was found to be 62, then what is the value of rank correlation co-efficient?
 - (A) 1

(C) 0.52

- (D) 0.87
- 94. If r = 0.7, then co-efficient of non-determination is
 - (A) 0.49

P) 0.51

(C) Zero

- (D) 0.71
- 95. Given x = 2y + 4 and y = kx + 6 are the two lines of regression x on y and y on x respectively. If the value of correlation co-efficient (r) is 0.5, then the value of k is



- **96.** If $\Sigma p_n q_n = 249$, $\Sigma p_0 q_0 = 150$, $\Sigma p_n q_0 = 145$ and Paasche's Index Number = 150, then Fisher's Ideal Price Index Number is
 - (A) · 75

(B) 126.9

ICY 120.62

- (D) 171
- 97. From the following data, find out an Index number for 2022 taking 2021 as base (using simple aggregative method):

Commodities	Price in 2021	Price in 2022		
A	- 80			
В	220	200		
С	300	400		

(A) 100

(C) 108

(D) 120 (D) 190

(23)

NBD

98. From the following chain base index numbers based on 2015, find out new chain base index number for the year 2022 by shifting the base year 2019.

Years .	6600	-					ise year	
	(2015)	2016	2017	2018	2019	2020	2021	2022
Index No. :								
(Base 2015)	100	105	95	85	120	110	130	150
(A) 125								
(B) 180								

(C) 100

(D) 150

99. The prices of a commodity in the years 2015 and 2020 were 50 and 60 respectively. Price relative of 2015 on 2020 is

(A) 100

(B) 110

(D) 120

100. Chain Index is equal to

- link relative of current year × chain index of current year
- link relative of previous year × chain index of current year

ink relative of current year x chain index of previous year

link relative of previous year × chain index of previous year