Question Paper Booklet No.

GENERAL INSTRUCTIONS TO CANDIDATES

7023992



- 1. Please do not open this Booklet till you are told to do so.
- 2. If the Question Paper Booklet does not contain 100 questions or if it is not of the medium opted or Answer Sheet is not in good condition, ask for change immediately.
- 3. Duration of the test is 2 hours.
- 4. Before commencement of the exam, please fill up the necessary information in the space provided below and also in the answer sheet.
- 5. Use HB pencil only to darken the circles for answers in the answer sheet.
- 6. After each question, four alternative answers are given. Choose one of the answers and darken the appropriate circle against the question number in the OMR Answer Sheet, completely, as shown below, with HB Pencil.

Marking the	Answers
Example: For Question No. 12, if the candidate considers, the correct answer to be C, he is to mark as shown below (Correct Method)	Not as shown below (Wrong method): 12 (A) (B) (Ø) (D) 12 (A) (B) (Ø) (D)
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- 7. Any answer marked in the question booklet will not be considered and no marks will be awarded.
- 8. If a candidate wants to change the answer already darkened, he should erase it completely, with good quality eraser and ensure that no mark is visible after erasing.
- 9. For each correct answer, one mark will be awarded. For each wrong answer, 1/4th of the mark earmarked for each question will be deducted. If more than one circle is darkened for a question, it will be treated as wrong answer. For questions not answered i.e. blanks, a zero will be given.
- 10. Rough work, if any, must be done on the pages, specified as SPACE FOR ROUGH WORK only and nowhere else in the question paper booklet or in the answer sheet.
- 11. When you have completed, even before time, please remain in your seat. The Invigilator will come to you and collect your Answer Sheet against acknowledgement on the admit card. No candidate can leave the examination hall till the end of the test.
- 12. Candidate found copying or receiving or giving any help or defying instructions of the Invigilators or having/using mobile phone or smart watch will be expelled from the examination and will also be liable for further punitive action.
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Examination Body. Time: 2 Hours		Ma	ximum M	arks : 100
Total No. of Printed Pages: 24		Question Paper Booklet Code	S	PK
Roll No. 404117	Question Paper Booklet No.	7023	992	
Name of the Candidate Moh	d. Arbaz	Paro qui		
OMR Answer Sheet No. 8 5 0 4 6	014	A	·Yba	2
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1.	In which of the following there is no impact of presence of extreme observations?
	(A) Range (B) Quartile deviation
	(C) Standard deviation (D) Variance
2.	If each observation of a set is divided by 10, then the Standard Deviation of the new observation is:
	(A) $\frac{1}{100}$ of Standard Deviation of original observation.
	(B) $\frac{1}{10}$ of Standard Deviation of original observation.
	(C) 100 times of Standard Deviation of original observation.
	(D) 10 times of Standard Deviation of original observation.
3.	If the mean and median of a moderately asymmetrical series are 70.8 and 68.6 respectively, then the most probable mode is:
	(A) 75.2 (B) 64.2
	(C) 63.4 (D) 72.5
4.	For a moderately-skewed distribution, which of the following relationship holds?
	(A) $Median - Mode = 3 (Mean - Median)$
	(B) $Mean - Mode = 3 (Mean - Median)$
	(C) Mean – Median = 3 (Mean – Mode)
	(D) Mean – Median = 3 (Median – Mode)
	and the second s
5.	What is the coefficient of range for the observations 20, 28, 32, 41, 48, 60?
	(A) 20 (B) 50
	(C) 40 (D) 200
	SPK

- 6. Which one holds correct for any two events A and B?
 - (A) $P(A-B) = P(A) P(A \cap B)$
- (B) P(A B) = P(A) P(B)
- (C) $P(A-B) = P(B) P(A \cap B)$
- (D) $P(A B) = P(B) + P(A \cap B)$
- 7. The Standard Deviation of the series 3, 6, 9, 12, 15 is:
 - (A) 6.36

(B) 4.24

(C) 4.12

- (D) 3.28
- 8. The quartile deviation of the distribution of the following data is:

x		2	3	4	5	6
f(x	()	2	4	8	4	1

(A) 1

(B) 0

(C) 1/4

- (D) 1/2
- 9. Which of the following pairs of events are mutually exclusive?
 - (A) A: Archna was born in India.
 - B: She is a fine lawyer.
 - (B) A: The student studies in a school.
 - B: He studies Geography.
 - (C) A: Sita is 16 years old.
 - B: She is a good folk dancer.
 - (D) A: Imran is under 15 years of age.
 - B: He is a voter of Delhi.

10.	The probability of success of 1/5, 1/4 and 1/3 respective will get success.			
	(A) 3/4	(B)	2/5	te de se de la Company de se
	(C) 1/6	(D)) 1/5	
				100
11.	If $P(A) = 0.65$ and $P(B) = 0$	0.15 , then $P(\overline{A})$	$) + P(\overline{B})$ is:	
	(A) 1.2	(B)	1.5	-12.5
	(C) 0.8	(D)	0.35	
12.	Eight labourers are working each day of working (in ₹)		tion site with t	he following wages for
	500, 620, 400, 700, 450, 56	- ME		
	If one of the workers is s wage would be less than th	To made		the probability that his
	(A) 0.375	(B)	0.625	
	(C) 0.500	(D	0.450	ให้เก็บ (1 ค.ค. ค. 5ค.) 2 (ปี อ. ณ (181 - 5 - โดยสม สหลังสุด
13.	A box contains shoe pairs to 12. If a shoe pair is senumber on the shoe pair wi	elected at rand	dom, what is t	
	(A) 0.25	(B)	0.33	
	(C) 0.20	(D	0.375	to de la radionale de la companya de
14.	Two cards are drawn at ragetting either both the red of			
	(A) 0.4288	(B	0.2488	
	(C) 0.8248	(D	0.8428	10.000 10.000 10.000

15	In a class of 100 students, the mean marks was 50 with standard deviati	on
10.	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].	

	_
(A)	Q
(Δ)	

(B) 10

(C) 8

(D) 7

16. If a random variable X follows Poisson distribution such that P(X = 1) = P(X = 2), then the mean of the distribution is:

(A) 1

(B) 2

(C) 0

(D) 1/2

17. The quartile deviation of a normal distribution with Mean of 10 and Standard Deviation of 4 is:

(A) 3.20

(B) 2.70

(C) 0.675

(D) 6.75

18. 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 distributed with:

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

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

(C) Mean = 22 and S.D. = 5

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

19. 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)

(A) 180

(B) 162

(C) 201

(D) 190

- 20. Which of the following statement is correct?
 - (A) Regression coefficients are independent of origin and scale.
 - (B) Both regression coefficients must be less than unity.
 - (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.
- 21. Which one of the following statement is correct regarding limit of the two regression coefficients?
 - (A) Must be positive.
 - (B) No limit.
 - (C) One positive and the other negative.
 - (D) Product of the regression coefficients must be numerically less than unity.
- 22. In case of "Insurance companies' profits" and "The number of claims they have to pay", there exists a:
 - (A) Negative correlation
- (B) Positive correlation

(C) No correlation

- (D) It cannot be predicted
- 23. 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) 0.875

(B) 0.85

(C) 0.90 ·

(D) 0.925

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•	$\boldsymbol{\mathcal{L}}$	ж

24.	The consumer price index for the year 2023 is 273 with 20)10 a	as base y ₹ 8 190.	What is
	average monthly wages of industrial worker in your 2	3 1S \	(0,170.	
	the real wage?			

(A) ₹3,000

(B) ₹2,800

(C) ₹3,200

(D) ₹ 3,400

25. Time Reversal test is satisfied by:

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

26. The value index is equal to:

- (A) The total sum of the values of a given year plus the sum of the values of the base year.
- (B) The total sum of the values of a given year multiplied by the sum of the values of the base year.
- (C) The total sum of the values of a given year divided by the sum of the values of the base year.
- (D) The total sum of the values of a given year minus the sum of the values of the base year.
- 27. 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, the raise in salary is effectively-
 - (A) Gain by ₹ 75

(B) Gain by ₹ 50

(C) Loss by ₹ 90

(D) Loss by ₹ 50

- 28. 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?
 - (A) Time Reversal test

(B) Unit test

(C) Circular test

(D) Factor Reversal test

29.	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) (athir)			The state of the state of

(A) $x^{(a+b+c)}$

(B) x^{abc}

(C) -1

(D) 1

30. 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:

(A) 62

(B) 39

(C) 93

(D) 31

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) (10, 15)

(B) (15, 10)

(C) (10, 20)

(D) (20, 10)

32. 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) ₹3,600

(B) ₹ 3,400

(C) ₹4,000

(D) ₹4,400

33. The mean proportional between $12x^2$ and $27y^2$ is:

(A) 81xy

(B) 18xy

(C) 8xy

(D) 19.5xy

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

(A) 3

(B) 2

(C) 5

(D) 7

35. 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:

as below	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) $20x + 10y \le 25$; $5x + 2y \ge 45$; $3x + 4y \le 15$; $2x + 5y \ge 15$; $x \ge 0$; $y \ge 0$
- (B) $20x + 10y \le 45$; $5x + 2y \ge 25$; $3x + 4y \le 15$; $2x + 5y \ge 15$; $x \ge 0$; $y \ge 0$
- (C) $20x + 10y \ge 45$; $5x + 2y \ge 25$; $3x + 4y \ge 15$; $2x + 5y \ge 15$; $x \ge 0$; $y \ge 0$
- (D) $20x + 10y \le 45$; $5x + 2y \le 25$; $3x + 4y \le 15$; $2x + 5y \le 15$; $x \ge 0$; $y \ge 0$
- 36. If one of the root of the equation $x^2 3x + k = 0$ is 1, then the value of 'k' is:
 - (A) 1

(B) 2

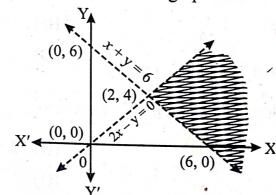
(C) -2

- (D) -1
- 37. 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

(B) 1 & 3

(C) 1 & -3

- -(D) -1 & -3
- 38. The shaded area is represented by which of the following option?
 - (A) x + y < 6; 2x y > 0; x < 0
 - (B) x+y>6; 2x-y>0; x>0
 - (C) x+y>6; 2x-y<0; x>0
 - (D) x + y > 6; 2x y > 0; x < 0



39.	on its	The value of a machine depreciates 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:							
	(A)	₹ 80,000		(B)	₹ 94,710				
	(C)	₹ 1,00,000).	(D)			i i je i pira		
40.	depo	sited in a r	nationalized	e of interest v bank for one y ayable half ye	year, corresp				
	(A)	6.07%		(B)	6.06%				
	(C)	6.08%		(D)	6.09%				
41.	Kant	ta wants to	accumulate	e ₹ 4,91,300 in	her savings a	account a	fter three y	ears.	
	The	rate of inte	erest offered	l by bank is $6\frac{1}{4}$	% per annur	n compoi	unded annu	ally.	
				she invest toda					
	(A)	₹ 4,37,50	00	(B)	₹ 4,09,600)			
	(C)	₹ 46,900		(D)	₹ 49,600				
							()		
42.		sum requi		a monthly in	terest of ₹ 1	,200 at 1	8% per an	num	
	(A)	₹ 60,000		(B)	₹ 50,000	· ·			
	(C)	₹ 80,000		(D)	₹ 66,000			(0)	
43.		compound months is		₹ 40,000 at 12		m compo		terly	
	(A)	₹ 2,463	opiny on	(B)	₹ 2,643	. 1/ ho	s of the ba	**************************************	
	(C)	₹ 2,364		(D)	₹ 2,436			1036	
44.	inter	certain rarest and sin	nple interes	st per annum, t t on ₹ 3,00,000	he difference of for two year	e between ars is ₹ 48	n the composite the the	ound rate	
	(A)	4%		(B)	2%		ABIT T		
	(C)	6%		(D)	8%				
				SPE	2 00				

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

(A) ₹826

N

(B) ₹800

(C) ₹836

(1)

(D) ₹835

46. 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?

(A) ₹ 1,20,000

(B) ₹ 96,000

(C) ₹ 1,24,000

(D) ₹1,92,000

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

Year	2019	2020	2021	2022	2023
EPS	40	25	40	60	90

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

(A) 23.47%

(B) 24.47%

(C) 22.47%

(I)

(D) 21.47%

48. 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) ₹ 2,066

(B) ₹1,022

(C) ₹ 2,044

(D) ₹2,155

49.	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:

(A) ₹ 13,000

(B) ₹15,625

(C) ₹ 14,250

(D) ₹ 16,667

50. 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?

{Where A(10, 0.06) = 13.180785}

(A) ₹ 1,67,440.90

(B) ₹1,51,736.03

(C) ₹ 1,75,433.60

(D) ₹1,83,714.28

51. 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) ₹ 907.125

(B) ₹ 904

(C) ₹ 905.25

(D) ₹909

52. 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 annum is:

(A) ₹1,243

(B) ₹ 6,655

(C) ₹ 6,565

(D) ₹1,343

53.	Prin eligi	cipal. A ible for t	mongst the sinche post of Pri	x candidat	es cal	lled fo	cipal and two posts of Vice- r the interview, only two are six are eligible for the post of tions for the selection is:
	(A)	12		250 3. ×	(B)	4	C) and a second control of the
	(C)	18			(D)	20	50 50 50 50 50 50 50 50 50 50 50 50 50 5
54.	If ea	im. The	principal and	the interest	t are t	o be p	at 2.76% Simple Interest per aid in 10 monthly instalments. one, find the value of the last
	(A)	4,608			(B)	1,024	g. recuts
	(C)	9,207			(D)	4,096	
							0
55.	that		girls can sit to	7 10 100		-	d to sit in a row in such a way low many different ways they
	(A)	480			(B)	60	ne or or or green ab
	(C)	720			(D)	1,440	
56.	1, 2,	3, 4, 5,	otal combinati 6, 7 & 8, taki even numbere	ng 4 coun	ters a	t a tim	8 different counters marked as least one bination?
	(A)				(B)		
	(C)	64 10 mm = 3			(D)	62	
57.	In a	party ev	ery person sha	akes hands	with	every	other person. If there are 105

(B) 14

(D) 22

handshakes in total, find the number of persons in the party.

(A) 15

(C) 21

- 58. Let $A = \{1, 2, 3\}$ and consider the relation $R = \{(1, 1), (2, 2), (3, 3), (1, 2), (2, 3), (1, 3)\}$, then R is
 - (A) Reflexive but not symmetric
 - (B) Reflexive but not transitive
 - (C) Symmetric and Transitive
 - (D) Neither symmetric nor transitive
- 59. If $f(x) = x^2 + x 1$ and 4f(x) = f(2x), then find the value of 'x'.
 - (A) 2/3

(B) 3/2

(C) 3/4

- (D) 4/3
- 60. 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) $a = 4 \& r = \frac{7}{16}$

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

- (C) $a = 7 \& r = \frac{1}{8}$
- (D) $a = 2 \& r = \frac{7}{32}$
- 61. 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:
 - (A) 4, 16

(B) 16, 4

(C) 4, 8

- (D) 8, 4
- 62. If fourth term of A.P. series is zero, then what is the ratio of twenty-fifth term to eleventh term?
 - (A) 4

(B) 5

(C) 3

(D) 2

- 63. If $x = t^2$ and $y = t^3$, then $\frac{d^2y}{dx^2}$ is equal to:
 - $(A) \ \frac{3}{4t}$

(B) $\frac{3t}{2}$

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

- (D) $\frac{3}{2}$
- 64. $\int \log_e x \, dx$ is equal to:
 - (A) $x \log_{e} \left(\frac{x}{e} \right) + c$

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

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

- (D) $\log_{e}\left(\frac{x}{e}\right) + c$
- 65. If a set contain n elements, then the total number of proper subsets of set is:
 - (A) $2^n 1$

(B) 2^n

(C) 2^{n-1}

- (D) $2^n 2$
- 66. 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) 3,000

(B) 2,000 °

(C) 2,500

- (D) 5,000
- 67. If $x^y \times y^x = 16$, then the value of $\frac{dy}{dx}$ at (2, 2) is :
 - (A) 0

(B) -1

(C) 2

(D) -2

- Find the odd man out from the following series: 7, 23, 47, 119, 171, 287
 - (A) 171

(B) 119

(C) 287

- In a certain code, RIPPLE is written as 613382 and LIFE is written as 8192. 69. How is PILLER written in that code?
 - (A) 318286

(B) 318826

(C) 618826

- (D) 338816
- AZ, GT, MN,...., YB, EV. The value at blank space (....) will be:
 - (A) SH

(B) JH

(C) SK

- (C) SK (D) TS Evaluate the following integral $\int \frac{1}{x(x^5+1)} dx$.
 - (A) $\frac{1}{5}\log\left(\frac{x^5}{x^5+1}\right) + c$
- (B) $\log\left(\frac{x^5}{x^{5+1}}\right) + c$
- (C) $\frac{1}{3}\log\left(\frac{x^5}{x^5+1}\right) + c$
- (D) $\frac{1}{3}\log\left(\frac{x^5+1}{x^5}\right) + c$

3, 6, 12, 24,

- Find the next number in the series 2, 5, 11, 23, 47, ...
 - (A) 95

(B) 84

(C) 98

- (D) 105
- If TAP is coded as SZO in a language, then how is FRIEND coded in same language?
 - (A) QEDHCM

(B) CMDHQE

(C) EQIENE

(D) EQHDMC

	SPK
74.	One morning after sunrise, A and B were talking to each other face to face very closely at a crossing point. If B's shadow was exactly to the right of A, in
	which direction B was facing?
	(A) West (B) East
	(C) North (D) South
75.	In a multi-storey building on one floor there are six flats in two rows facing East and West and they are allotted to A, B, C, D, E, and F. B gets an East

East and West and they are allotted to A, B, C, D, E, and F. B gets an East facing flat, which is not next to D. F and D gets diagonally opposite flat. A gets a West facing flat and E gets an East facing flat. Whose flat is between A and F?

(A) C

(B) B

(C) D

(**D**) F

76. Balkrishna is Ritik's neighbour and his house is 200 meters away in the north-west direction from Ritik's house. Jayendra is Ritik's neighbour and his house is located 200 meters away in the south-west direction from Ritik's house. 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 house is located 200 meters away in north-east direction from Girdhari's house. Then where is the position of Ritik's house in relation to Balkrishna's?

(A) South-West

(B) South-East

(C) North

(D) North-East

77. If Ajay stands on his head with his face towards North, in which direction will his left hand point?

(A) North

(B) North-East

(C) East

(D) North-West

78.					n such a way that at 6:00 minute hand will be at 9:30	
	(A)	North-West		B)	South-East	g Green
	(C)	East		D)	West	
				3	enape mispermotifical la	
79.	Six	persons A, B, C, I), E and F are	sitti	ing in a row in a straight	line. B is
	betw	veen F & D. E is be	tween A & C	do	oes not sit next to F or D; C	does not
		ext to D. F is between				
((A)	В & С	(B)	B & E	
`	(C)	B & D		Ď)	B & A	. 9
			C	2		
80.					four girls Dipti, Aruna,	
	Bind	du and four boys G	autam, Faneesh	Ha	rendra, Eshaan are sitting i	n a circle
,	arou	nd a table, facing e	ach other as und	der :		
	(i)	No two girls or bo	ys are sitting si	de b	by side.	
	(ii)	Chandra, who is s	itting between (aut	tam and Eshaan, is facing I	Dipti.
	(iii)	Faneesh is between	n Dipti and Art	ina a	and facing Gautam.	
	(iv)	Harendra is to the	right of Bindu		in the state	
	Iden	tify the person who	m Eshaan is fa	eing		
	(A)	Bindu		B)	Faneesh	
	(C)	Gautam	emperius (D)	Harendra	

SPK

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Note		Read the follow given below:	ring information	carefully	ly and answer the questions (81 to 8.	د)
	f	nade to stand in acing a person	n two rows in su in the other row	ich a wa . M is1no	aplit into groups of three each and a gray that a person in one row is exact not at the ends of any row and is to the eft of D, who is facing M.	ľ
81.	W	hich of the follo	owing persons a	e in the	e same row ?	
) - BMJ	" State of the		of efficient	
	(C) MJK	THE PROPERTY.		Share Charles	
			The state of the	11, 110	en properties and the company of the	13
82.	W	ho is to the imp	nediate left of B			
	(A) J		(B)) M	
	(C) D		(D)) K	
83.	Ch sitt	andresh is sitt ting right to Ku	ing left to Kuld ıldeep, Priyanka	leep but is sittin	tting in a row are awaiting their turn at on the right to Diksha, Reshma in the right to Gayatri but left to Diksha ton sitting in the middle must be:	is
	(A)) Diksha		(B)) Chandresh	
	(C)) Gayatri		(D)) Priyanka	
		· Jahara	a Grastine	12 -1. 17	who are a settle and a second of	
84.			c is B's mother.	D is C's	's Son. E is A's mother. Then how i	S
		related to D?		(D)	Lincol	
	(A)			(B)		
	(C)	Granddaugh	ter	(D)) Father	
85.	onl		randfather", the	n how i	nan said "The father of his brother is that woman related to the man i	
-	(A)	Sister		(B)	Daughter	
	(C)	Mother		(D)) Aunty	
ů.				SPK		

86.	The	ne Secondary data is collected by:	
	(A)		
	(B)	3) International source like World Bank.	
	(C)		
	(D)) Mailed questionnaire method.	20.4%
		The second of th	
87.	Exit	kit polls are an example of which method of collecting	data?
	(A)		
	(C)	C) Census (D) Quota samp	ing
		ranska zlega – i sv. jelova programa je je va sera Alega i sv	shi heres all'
88.	coup cont	family consists of six members P, Q, R, S, T & U. puples. Q is a doctor and father of T; U is grand entractor; S is grandmother of T and is a house-wife. To entractor, one Professor, one house-wife and two studes ho is the husband of P.	Ifather of R and is a here is one doctor, one
	(A)	L) S (B) T	t N months are more
	(C)	(D) Q	
89.	P is 1	is the son of Q while Q & R are sisters to one another	T is the mother of R.
		S is son of T, how S is related to P?	The Paris of the P
	(A)) Cousin (B) Brother	en i a aire da area esta esta esta esta esta esta esta es
	(C)) Maternal uncle (D) Nephew	
90.	is so	ndhya is the daughter-in-law of Shailesh and sister-in- son of Shailesh and only brother of Rajan. Then, how anak?	
	(A)	Aunty (B) Sister-in-law	1
	(C)) Cousin (D) Wife	
		SPK	

91.	The	Ogive can be used for making		
	(A)	medium term projection	(B)	short term projection
	(C)	long term projection	(D)	group frequency distribution
92.	Nun	nerical data presented in descript	ive fo	rm are called:
	(A)	Tabular presentation	(B)	Classified presentation
	(C)	Textual presentation	(D)	Graphical presentation
				e setta (D)
93.		distribution of commuters comirs to peak morning hours follows		a Metro station from early morning
	(A)			Bell shaped curve
		A STAN BUT CLEANERS	(B)	
	(C)	U-shaped curve	(D)	Mixed curve
94.	Wha	at is the range of a data set?		
	(A)	The difference between the me	an and	d median of the data set
1	(B)	The difference between the hig	hest a	nd lowest values in the data set
	(C)	The number of data points in th	ne data	a set
	(D)	The standard deviation of the d	ata se	t marine exercises the first of the transfer o
		e y grie i den altalia, elle Mendigolite. Tille elle elle eller		
95.	Seri	es in which frequencies are co	ontinu	ously added corresponding to each
		s interval in the series :		chipped and difference of the second
1	(A)	Cumulative frequency series	(B)	Frequency
	(C)	Deviation	(D)	Mid value
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100			~	

96.	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) 80

(B) 75

(C) 77.5

(D) 82.5

97. The Median of the following frequency distribution is:

x	0 - 10	10 - 20 $20 - 30$	30 – 40	40 – 50
f(x)	8	30 6 40	12	10

(A) 22.5

(B) 33

(C) 23

(D) 24

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

(A) Categorical data

(B) Continuous data

(C) Ordinal data

(D) Interval data

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

(A) 10-14

(B) 9.5-14.5

(C) 10-15

(D) 10.5-15.5

100. What is the purpose of stratified random sampling?

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