



Campus KD Campus

	KD Campus 2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009				
37.	Ouantity I.				
	Let the present age of Soumen be x Present age of Ankit = $x + 12$		Profit percentage = $51.82 \times \frac{100}{68.18}$		
	So		= 76%		
			Quantity II.		
	$\Rightarrow x + \frac{10}{x} + 12 + 10 = \frac{2}{3}$		Selling price of half of the goods		
	\Rightarrow x + $\frac{10}{10}$ + 22 = $\frac{2}{2}$		= $14000 \times \frac{120}{100}$ = Rs. 16800		
	$x \qquad 3 \Rightarrow 3x + 30 = 2x + 44$		Cost price of remaining 35% of the		
	\Rightarrow x = 14		remaining goods = $14000 \times \frac{35}{100}$		
	Age of Ankit after 4 years = 14 + 12 + 4 = 30 years.		= Rs. 4900		
	Ouantity II.		5		
	Present age of Ankit = 21 – 5 = 16 years		Selling price of 35% goods = $4900 \times \frac{1}{4}$		
	Age of Priyanka = $16 \times \frac{5}{4}$ = 20 years		= Rs 6125 Remaining cost price of the goods		
38.	Age of Madhu = 20 × 2 = 40 years Quantity I.		= 1400 – 4900 = Rs 9100 Selling price of remaining goods		
	Difference in percentage of votes received by A and B = $48 - 30 = 18\%$		$=9100 \times \frac{110}{100} = \text{Rs.}\ 10010$		
	Total number of votes polled= $720 \times \frac{100}{18}$		Total selling price of the goods = 16800 + 6125 + 10010 = Rs 32935 Profit = 32935 - 28000 = 4935		
	= 4000		110111 02300 20000 1300		
	Quantity II. Total number of votes received by A and		Profit percentage = $4935 \times \frac{100}{28000}$		
	12		= 17.625%		
	$B = 630 \times \frac{1}{7} = 1080$	40.	Let the ratio of numbers A and B be $4x$ and $5x$		
	Total number of votes polled= $1080 \times \frac{100}{90}$		Value of A after increasing = $4x \times \frac{150}{100}$		
39.	= 1200 votes. Quantity I		= 6x + 5		
	Let the actual selling price be Rs. 100 So, Selling price when sold at one-fourth		Value of B after increasing = $5x \times \frac{200}{100}$		
	less = $100 - 100 \times \frac{1}{4} = 75$		= 10x + 4 So,		
	Cost price= $75 \times \frac{100}{100}$ = Rs 68.18		$\Rightarrow 6x + \frac{5}{10x} + 4 = \frac{2}{3}$		
	Selling price when sold at 20% more		$\Rightarrow 18x + 15 = 20x + 8$ $\Rightarrow 2x = 7$		
	$= 100 \times \frac{120}{100} = \text{Rs.} 120$		$\Rightarrow 2x = 7$ $\Rightarrow x = 3.5$		
	Profit = 120 – 68.18 = Rs. 51.82		Original Value of $A = 4 \times 3.5 = 14$		

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	Scheme D:		Principal amount invested on scheme C
	Compound interest obtained from scheme $D = 60000 \times [(1 \ 08) \times (1 \ 08) \times (1 \ 08) - 1]$		= 0.85 × 50000 = Rs. 42500 Principal amount invested on scheme D
	= Rs. 15582.72		$= 0.9 \times 60000 = \text{Rs}.54000$
	Simple interest obtained from scheme D		So, total compound interest obtained from
	3		scheme C and scheme D after principal
	$= 60000 \times 8 \times \frac{3}{100} = \text{Rs. } 14400$		amount is reduced = $42500 \times [(1.05)^2 - 1]$
	∴ Required Percentage		$+ 54000 5 [(1.08)^{\circ} - 1]$ = 4356 25 + 14024 5 = Rs 18380
	15582		Therefore, required percentage
	$=\frac{13382}{14400} \times 100 = 108.2\%$		20707 18380
	Scheme E:		$=\frac{20707-18380}{20707}\times100=11.2\%$
	Compound interest obtained from scheme	46.	$217 - 196 = 217 - 14^2 = 21$
	$E = 48000 \times [(1.2)^2 - 1] = Rs. 21120$		$\Rightarrow 21 + 144 = 21 + 12^2 = 165$
	Simple interest obtained from scheme E		$\Rightarrow 165 - 100 = 165 - 10^2 = 65$
	$-48000 \times 20 \times \frac{2}{2}$ - Pa 10200		$\Rightarrow 65 + 64 = 65 + 8^2 = 129$
	100 - 100 - 100	47.	$162 \div 2 - 1 = 80$
	Required percentage		$\Rightarrow 80 \div 2 - 1 = 39$ $\Rightarrow 20 \div 2 - 1 = 18.5$
	21120 1100 1100		$\Rightarrow 39 \div 2 = 1 = 18.3$ $\Rightarrow 18.5 \div 2 = 1 = 8.25$
	$=\frac{19200}{19200} \times 100 = 110\%$	48.	
44.	Total amount deposited on all the	17	52 158 477 1435 4310
	schemes together = $45000 + 36000 + 50000 + 60000 + 48000 - P_{0}$ 220000		
	Average amount deposited on each	×3	+1 ×3+2 ×3+3 ×3+4 ×3+5
	230000	49.	12 + 8 = 20; 20 - 1 = 19
	scheme = $\frac{239000}{5}$ = Rs. 47800		19 + 7 = 26; 26 - 1 = 25 25 + 6 - 21; 21 - 1 - 30
	Since, the amount is deposited on	50.	422 + 613 = 1035
	compound interest which is compounded		1035 + 1226 = 2261
	half - yearly.		2261 + 1839 = 4100
	So, time period = 2 years		4100 + 2452 = 6552
	Rate of interest = $\frac{10}{10}$ = 5%	F 1	6552 + 3065 = 9617
	Rate of interest 2 3%	51.	1. $5x - 19y = 15$ II $13x - 17y = 5$
	Compound interest obtained from scheme		From first equation,
45	$E = 47800 \times (1.05)^2 = Rs. 52699.5$		(13+10x)
-0.	scheme C and scheme D is :		$\mathbf{x} = \frac{(13+19y)}{5}$
	Compound interest obtained from scheme		Substituting this value in 2nd equation
	$C = 50000 \times [(1.05)^2 - 1] = Rs. 5125$		
	Compound interest obtained from scheme $D = 60000 \times [(1.08) \times (1.08) \times (1.08) - 1]$		$13 \times \frac{(13+19y)}{5} - 17y = 5$
	= Rs. 15582.72		160 + 247 x - 85 x = 25
	So, total actual compound interest		169 + 247y = 83y = 23 162v = -144.
	obtained from scheme C and scheme D = $5125 + 15582 = 20707$		0
	After principal amount of scheme C and		$y = -\frac{\delta}{\Omega}$
	scheme D is reduced:		2



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	$= (74\% \times 2200 + 83\% \times 3000) - (26\% \times 10^{-1})$		D = 1350		
	2200 + 17% × 3000) = (74% - 26%) × 2200 + (83% - 17%) × 3000 = 48% × 2200 + 66% × 3000	69.	Total distance = 2D = 2700 km Work completed in 75 days = 200 × 75		
	$=\frac{48\times2200}{100}+\frac{66\times3000}{100}$		= half work = $\frac{w}{2}$ for rest half work to be		
	= 1056 + 1980 $= 3036$		done on time i.e. in left 25 days, ' x' more men are added.		
65.	Total number of candidates qualifying in the bank K, L and M together = 20% × 980 + 28% × 1200 + 21% × 2500		$\Rightarrow 200 \times 75/1/2 = (200 + x) 25/1/2$ $\Rightarrow 600 = 200 + x$ $\Rightarrow x = 400$		
	$= \frac{20 \times 980}{100} + \frac{28 \times 1200}{100} + \frac{21 \times 2500}{100}$	70.	Hence, 400 more workers are required to complete the work on time. Let the Varsha's monthly income be Rs.		
66.	Total weight of the boys = $21 \times 64 = 1344$ Let the weight of the teacher be <i>x</i> kg Therefore;		 x and the common ratio be y ∴ Amount spent on grocery, clothes and education = 4y + 2y + 5y According to the question. 		
67	$1344 + x = 65 \times 22$ x = 1430 - 1344 = 86 kgs Let the cost price of lapton be Rs. 100		$11y = \frac{55x}{100}$ (i)		
07.	Then, selling price should be 120% of 100		And, $2\mathbf{v} = 5540$		
	$=\frac{120\times100}{100}$ = Rs.120		y = 2770 By putting the value of y inn equation (i).		
	Now, selling price the laptop should be 10% lower than marked price because of the discount of 10%.		⇒ $11 \times 2770 = \frac{55x}{100}$		
	:. Marked price = $\frac{100 \times SP}{100 - 10} = \frac{100 \times 120}{90}$		$\Rightarrow x = 11 \times 2770 \times \frac{100}{55}$		
	$= \frac{400}{90}$ Required percentage at which article is marked higher than cost price		\Rightarrow x = Rs. 55400		
			ENGLISH LANGUAGE		
	$= \frac{MP - CP}{CP} \times 100\%$	8 6.	(4) Instead of trump it should be trump's as sentence is in possessive form.		
	400 100	87.	(3) Hardly itself is negative so after it no is not required.		
$=\frac{3}{100} \times 100$		88.	(1) Word unique is complete in itself, superlative the most is superfluous here.		
	$=\frac{(400-300)}{2\times100}=\frac{100}{2}=33\frac{1}{2}\%$	89.	(2) Sentence is in past form, so word survey should be surveyed.(1) On the surveyed.		
68.	3×100 3 3 Let the total distance be 2D. Now	90.	(1) Conjunction not only is for recorded growth not for island, the correct format is the island has not only recorded a		
	$\frac{D}{150} + \frac{D}{90} = 24$		growth		

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VOCABULARIES \equiv

Word	Meaning in English	Meaning in Hindi
Plummet	a steep and rapid fall or drop	सीसे का भार
Plunge	an act of jumping or diving into water.	डुबकी, तैरने का तालाब
Breach an act of breaking or failing to observe a law, agreement,		उल्लंघन
	or code of conduct.	
Volatile	(of a substance) easily evaporated at normal temperatures	परिवर्तनशील
Laurels	a tangible symbol signifying approval or distinction	बहादुरी का पुरस्कार
Kudos	praise and honor received for an achievement	यश
Postulate	a thing suggested or assumed as true as the basis for	मांगना
	reasoning, discussion, or belief.	
Ascent	a climb or walk to the summit of a mountain or hill.	आरोहण
Transient	lasting only for a short time; impermanent.	क्षणिक
Screech	a loud, harsh, piercing cry	फटा आवाज
Littoral	of or relating to a coastal or shore region	नदी के किनारे का
Naval	connected with or belonging to or used in a navy	नौसैनिक
Deliberate	done consciously and intentionally	जानबूझकर

For all Bank PO/ Clerk Exams





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Ι	BPS	PO PHASE	-I MOCK TEST -	174 (ANSWER KEY)
1.	(4)	26. (2)	51. (1)	76. (4)
2.	(5)	27. (5)	52. (5)	77. (3)
3.	(1)	28. (5)	53. (1)	78. (4)
4.	(5)	29. (5)	54. (5)	79. (5)
5.	(3)	30. (1)	55. (4)	80. (3)
6.	(2)	31. (4)	56. (2)	81. (3)
7.	(5)	32. (3)	57. (1)	82. (2)
8.	(5)	33. (4)	58. (1)	83. (3)
9.	(1)	34. (2)	59. (2)	84. (4)
10.	(4)	35. (3)	60. (3)	85. (1)
11.	(4)	36. (1)	61. (1)	86. (4)
12.	(3)	37. (3)	62. (4)	87. (3)
13.	(1)	38. (1)	63. (5)	88. (1)
14.	(5)	39. (1)	64. (3)	89. (2)
15.	(2)	40. (3)	65. (2)	90. (1)
16.	(2)	41. (2)	66. (1)	91. (4)
17.	(2)	42. (4	67. (2)	92. (4)
18.	(3)	43. (3)	68. (2)	93. (4)
19.	(2)	44. (1)	69. (2)	94. (5)
20.	(5)	45. (3)	70. (1)	95. (3)
21.	(4)	46. (3)	71. (4)	96. (4)
22.	(5)	47. (4)	72. (4)	97. (2)
23.	(3)	48. (3)	73. (2)	98. (3)
24.	(2)	49. (2)	74. (5)	99. (4)
25.	(1)	50. (2)	75. (2)	100. (4)

Note:- If you face any problem regarding result or marks scored, please contact 9313111777

Note:- Whatapp with Mock Test No. and Question No. at 7053606571 for any of te doubts. Join the group and you may also share your suggestions and experience of sunday Mock Test.

Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003

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