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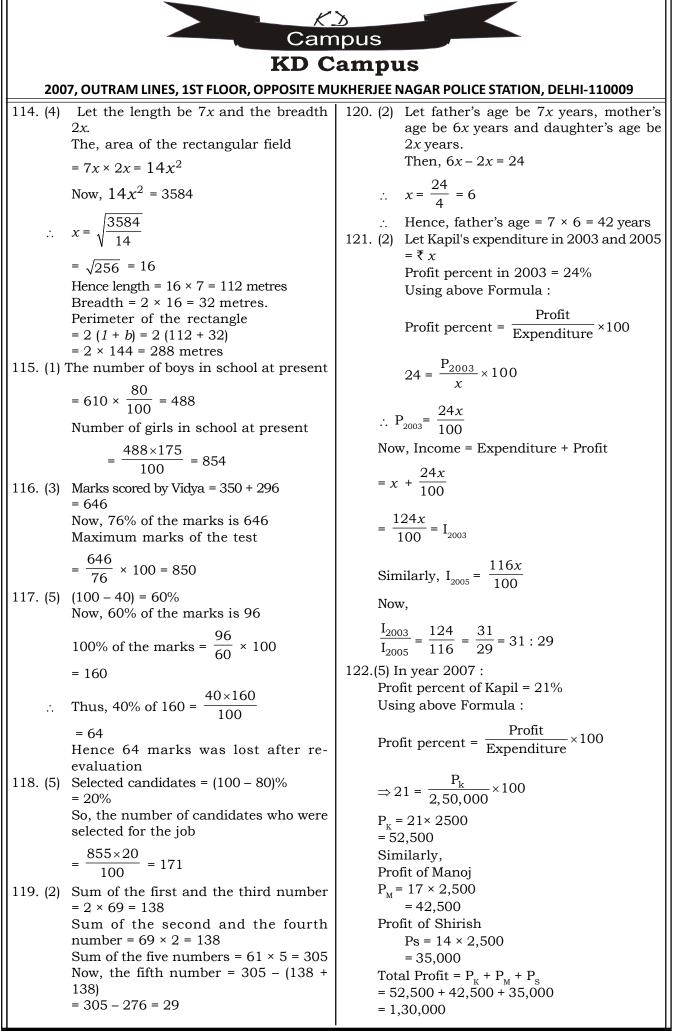
2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

SBI CLERK (PHASE - II) MOCK TEST-48 (SOLUTION)

GENERAL AWARENESS					16 96	
1.	(2)	2.	(5)	3.	(4)	94. (1) $? = \frac{16}{2.80} \times 0.60 = \frac{96}{28}$
4.	(2)	5.	(2)	6.	(5)	= 3.428 ≈ 3.5
7.	(1)	8.	(2)	9.	(3)	95. (4) $? = \sqrt{963} + (4.895)^2 - 9.24$
10.	(4)	11.	(2)	12.	(5)	= 31 + 23.04 - 9.24
13.	(3)	14.	(3)	15.	(3)	$= 44.04 - 9 = 45.04 \approx 45$
16.	(3)	17.	(3)	18.	(2)	96. (2) ? = 228 + 104 - 210
19.	(3)	20.	(1)	21.	(5)	= 332 - 210
22.	(4)	23.	(5)	24.	(4)	= 122
25.	(1)	26.	(3)	27.	(5)	97. (3) $\sqrt{65 \times 12 - 50 + 40}$
28.	(1)	29.	(2)	30.	(1)	$=\sqrt{780-50+54}$
31.	(3)	32.	(1)	33.	(2)	
34.	(1)	35.	(2)	36. 20	(5) (5)	$=\sqrt{784} = 28$
37. 40.	(5) (2)	38. 41.	(4)	39.	(5) (2)	98. (3) $\frac{15 \times 524}{100} - \frac{2 \times 985}{100} + ?$
43.	(3) (4)	44.	(2) (3)	42. 45.	(3)	98. (3) 100 100
46.	(4) (2)	47.	(3) (1)	43. 48.	(2) (2)	$=\frac{20\times423}{100}$
49.	(2)	50.	(1) (1)	-0.	(4)	$=\frac{100}{100}$
'.	(4)			ANGUAG	E	or, 15 × 5.24 – 2 × 9.85 + 7
51.	(3)	52.		53.	(5)	= 20 × 4.23 ∴ ? = 84.60 + 19.70 - 78.60
54.	(4)	55.		56.	(1)	= 25. 70
57.	(5)	58.		59.	(3)	99. (1) ? = $152 \times (228 \div 19)^2$
60.	(4)	61.	(2)	62.	(3)	, , , , , , , , , , , , , , , , , , ,
63.	(1)	64.	(3)	65.	(*)	$= 152 \times 8 + \frac{a288}{\epsilon} \frac{\dot{a}^2}{19} \dot{\dot{a}}$
66.	(4)	67.	(*)	68.	(2)	e 19 ø
69.	(3)	70.	(2)	71.	(3)	$= 152 \times 8 + (12)^2$
72.	(4)	73.	(2)	74.	(4)	= 1216 + 144
75.	(2)	76.		77.	(5)	= 1360
78.	(5)	79.		80.	(4)	100. (3) $\sqrt{1521} + \sqrt{225}$
81.	(3)	82.		83.	(4)	= 39 + 15 = 54
84.			(4)		(2)	101. (4) I. $x^2 - 10x + 21 = 0$ or $x^2 - 7x - 3x + 21 = 0$
1	(5) (0)	88.	(1)	89.	(3)	or $(x - 3)(x - 7) = 0$
90.	(2)		Mat	ha		$\therefore x = 3, 7$
	(5) 0	1504 4	Mat			II. $y^2 - 16y + 63 = 0$
91.	(5) ? =	= 1504 ×				or, $y^2 - 7y - 9y + 63 = 0$ or, $(y - 9) (y - 7) = 0$
	= 8820.96 - 24.091 = 8796.869 ≈ 8800					$\therefore y = 9,7$
$= 8796.809 \approx 8800$ 92. (3) ? = 16.928 + 24.7582 ÷ 5.015					$\therefore x \le y$	
$= 17 + 25 \div 5$					102. (4) I. $x^2 - (16)^2 = (23)^2 - 56$ or $x^2 - 256 = 529 - 56$	
= 17 + 5 = 22					$\therefore x = \sqrt{729} = \pm 27$	
93. (1) $\sqrt[3]{7.938} \times (6.120)^2 - 4.9256$					II. $y^{1/3} - 55 + 376 = (18)^2$	
$= 2 \times 37.45 - 4.9$					or, $y^{1/3} - 324 + 55 - 376$	
$= 2 \times 37.43 = 4.9$ = 74.9 - 4.9 = 70					$\therefore y = (3)^3 = 27$ $\therefore y \ge x$	
		\mathbf{Ph}	: 09	9555	51	8888, 09555208888

94. (1) $? = \frac{16}{2.80} \times 0.60 = \frac{96}{28}$ = 3.428 ≈ 3.5
95. (4) ? = $\sqrt{963}$ + (4.895) ² - 9.24
= 31 + 23.04 - 9.24 = 44.04 - 9 = 45.04 \approx 45 96. (2) ? = 228 + 104 - 210 = 332 - 210 = 122
97. (3) $\sqrt{65 \times 12 - 50 + 40}$
$=\sqrt{780-50+54}$
$=\sqrt{784} = 28$
98. (3) $\frac{15 \times 524}{100} - \frac{2 \times 985}{100} + ?$
$=\frac{20\times423}{100}$
or, 15 × 5.24 – 2 × 9.85 + ?
= 20 × 4.23 ∴ ? = 84.60 + 19.70 - 78.60
= 25.70
99. (1) ? = $152 \times (228 \div 19)^2$
$= 152 \times 8 + \frac{a288\ddot{o}^2}{\xi 19 \dot{\phi}}$
$= 152 \times 8 + (12)^2$
= 1216 + 144 = 1360
100. (3) $\sqrt{1521} + \sqrt{225}$
= 39 + 15 = 54 101. (4) I. $x^2 - 10x + 21 = 0$
or $x^2 - 7x - 3x + 21 = 0$ or $(x - 3) (x - 7) = 0$
$\therefore x = 3, 7$
II. $y^2 - 16y + 63 = 0$ or, $y^2 - 7y - 9y + 63 = 0$
or, $(y - 9) (y - 7) = 0$ $\therefore y = 9,7$
$\begin{array}{cccc} \vdots & y & = 5, \\ \vdots & x \leq y \\ 102. \ (4) & I. \ x^2 - (16)^2 = (23)^2 - 56 \end{array}$
102. (4) 1. $x^2 - (10)^2 = (23)^2 - 36$ or $x^2 - 256 = 529 - 56$
$\therefore x = \sqrt{729} = \pm 27$
II. $y^{1/3} - 55 + 376 = (18)^2$ or, $y^{1/3} - 324 + 55 - 376$
$\therefore y = (3)^3 = 27$ $\therefore y \ge x$

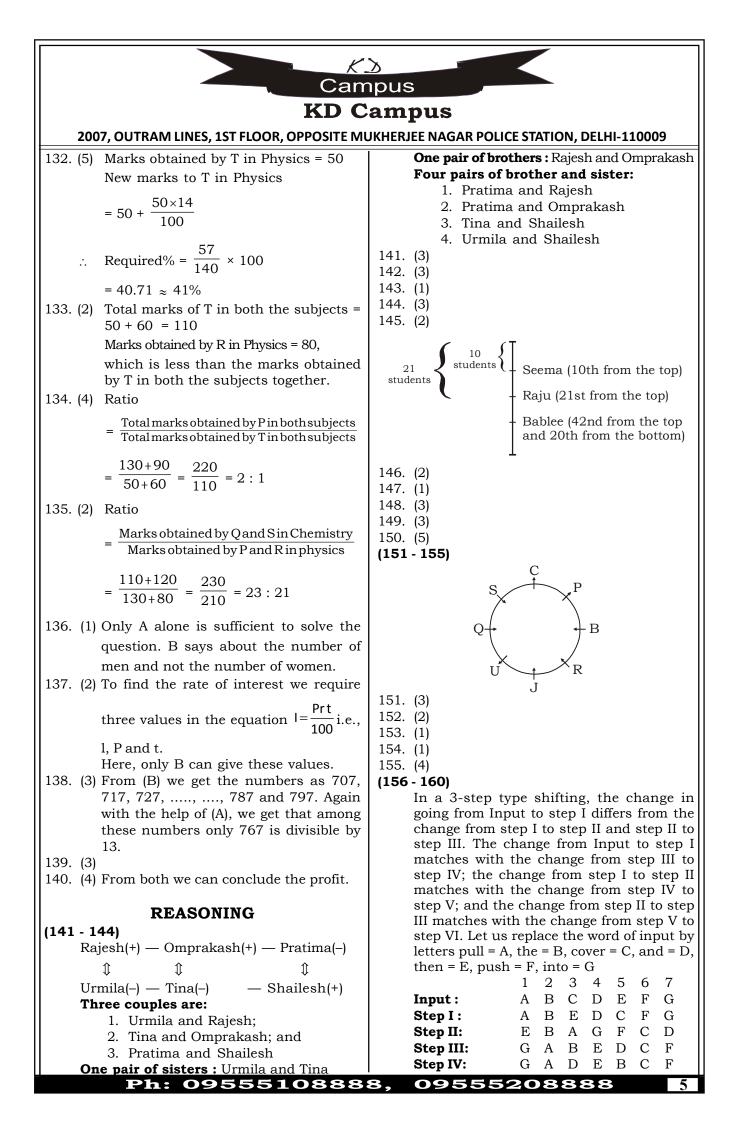
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103. (3) I. $\frac{12}{\sqrt{x}} + \frac{8}{\sqrt{x}} = \sqrt{x}$ 20 = x II. $y \frac{(18)^{9/2}}{\sqrt{y}} = 0$	109. (5) The series is: $13 \times 2 + 7 = 33$ $33 \times 3 + 11 = 110$ $110 \times 4 + 13 = 453$ $453 \times 5 + 17 = 2282$ $2282 \times 6 + 19 = 13711$					
or, $y^{3/2} - (18)^{9/2} = 0$ or, $(y^3)^{1/2} = (18^9)^{1/2}$ ro, $y^2 = (18^3)^3$ $\therefore y^2 = 18^3$ $\therefore x < y$ 104. (1) I. $\sqrt{36}x + \sqrt{64} = 0$ or, $6x + 8 = 0$	13711 × 7 + 23 = 96000 110. (3) The series is: $0.8 \times 1 + 3 = 3.8$ $3.8 \times 2 + 5 = 12.6$ $12.6 \times 3 + 7 = 44.8$ $44.8 \times 4 + 9 = 188.2$					
or, $x = -\frac{4}{3}$ II. $\sqrt{81}y + (4)^2 = 0$ or, $9y + 16 = 0$ or, $y = -\frac{16}{9}$	$188.2 \times 5 + 11 = 952$ 111. (1) The cost price of 23 bracelets $= 23 \times 160 = ₹ 3680$ $= 3680 + \frac{3680 \times 15}{100}$ $= 3680 + 552 = ₹ 4232$					
$\therefore x > y$ $105. (3) I. \frac{25}{\sqrt{x}} + \frac{9}{\sqrt{x}} = 17 \sqrt{x}$ or, $34 = 17x$ $\therefore x = 2$ $II. \frac{\sqrt{y}}{3} + \frac{5\sqrt{y}}{6} = \frac{3}{\sqrt{y}}$	∴ The selling price of 1 bracelet $= \frac{4232}{23}$ $= ₹ 184$ 112. (1) Let Kajal's monthly expenditure on grocery, clothes and education by 4x, 2x and 5x respectively. Then, 2x = 5540					
or, $\frac{6\sqrt{y}+15\sqrt{y}}{18} = \frac{3}{\sqrt{y}}$ or, $\frac{21\sqrt{y}}{18} = \frac{3}{\sqrt{y}}$ $\therefore y = \frac{3\times18}{21} = \frac{18}{7}$	$\therefore x = \frac{5540}{2} = 2770$ Hence, total monthly expenditure on grocery, clothes and education $= 4x + 2x + 5x = 11x$ $= 11 \times 2770 = 30470$					
$\therefore x < y$ 106. (5) The series is : $5 \times 10 - 9 = 41$ $41 \times 8 - 7 = 321$ $321 \times 6 - 5 = 1921$ $1921 \times 4 - 3 = 7681$ $7680 \times 2 - 1 = 15361$	 ∴ 100 per cent = 30470×100/55 = ₹ 55400 113. (5) Let the first number be x and the second y. Then, x×35/100 = 2×75×y/100 					
$15361 \times 0 - (-1) = \boxed{1}$ 107. (5) The pattern of number series is as follow $15 25 40 130 510 2560$ $\downarrow_{\times 1+10} \qquad \uparrow \qquad $	or, $\frac{x}{y} = \frac{2 \times 75}{35} = \frac{150}{35}$ = $\frac{30}{7} = 30:7$					
Correct answer = 171. Ph: 0955510888	8, 09555208888 2					

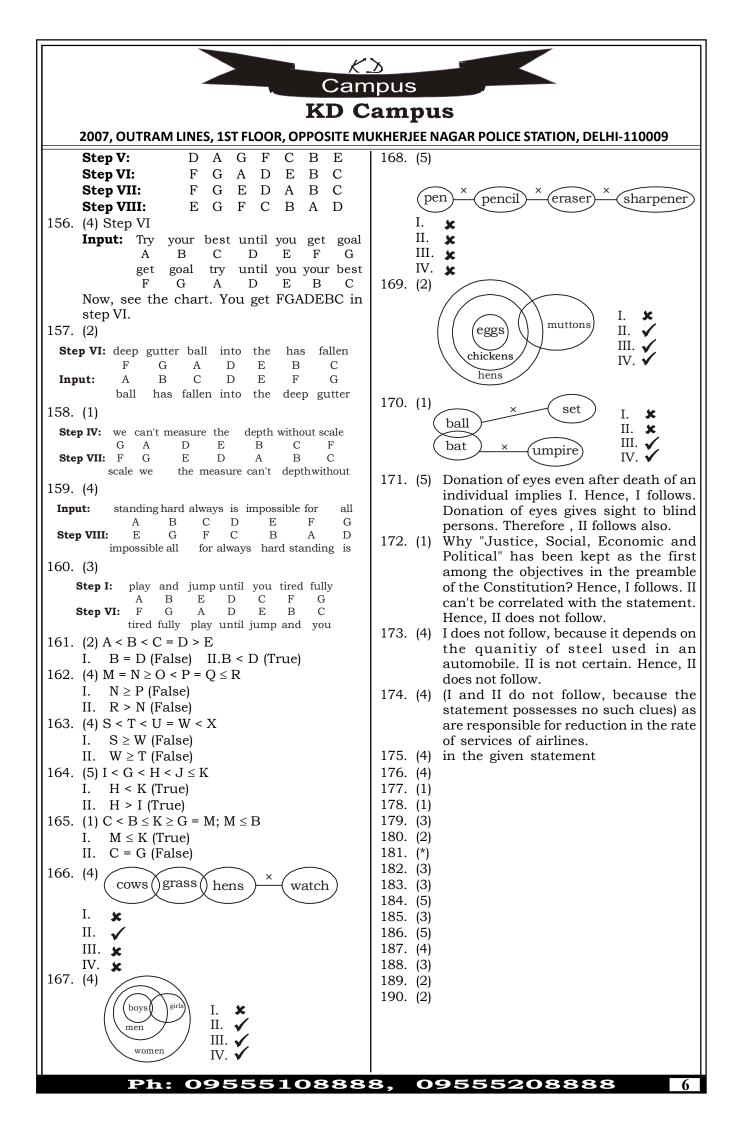


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expenditure of % profit of 2004 15%, 22% a \therefore Income in 20 = 1159 = $\frac{115}{100}$ Profit = $\frac{115 \times 1}{100}$	$\frac{122}{100} \times \frac{119}{100} \times x$ $\frac{22 \times 119x}{1000} - x$		$= \left[\frac{14}{31} \times 620 + \frac{7}{16} \times 320\right]$ = $\left[14 \times 20 + 7 \times 20\right] = 420$ Required Ratio = $\frac{390}{420}$ = $\frac{13}{14}$ Number of female employees in company P and Q : = $\frac{5}{8} \cdot 160 + \frac{14}{25} \cdot 250$			
$= \frac{1669570x - 1}{10000}$ $= 0.669570 x$ $\% \text{ Profit} = \frac{0.669}{10000}$	00		$= \frac{1}{8} \frac{160 + \frac{1}{25}}{25} 250$ = 100 + 140 = 240 Total number of Technical employee = $\frac{1}{8}480 + 340$ Å			
124. (1) Total exper = 57 lakhs 121% of 11 15 + 114%	5% = 67% (approx.) aditure = (18 + 15 + 24) lakhs 8% of 18 + 116% of 116% of of 112% of 24 + 20.184 +3 0.6432 akh	129. (3)	= 820 Required percentage = $\frac{240}{820}$, 100 » 29% Total number of officers :- = [160 + 250 + 350 + 230 + 180]			
(116% of 1 15 + 112% = 24.2208 - = 76.281 la = 76,28,100 125. (4) Income of a	16% of 18 + 118% of 121 % of of 114% of 24) lakh + 21.4170 + 30.6432 kh) shirish in year 2014;	÷	= 1170 Total number of manager :- = [60 + 90 + 130 + 110 + 80] = 470 Difference = 1170 - 470 = 700			
= ₹ 1,99,89 126. (2) In company Number of = $\frac{11}{16} \times 480 =$	y B: male engineer = 330	130. (1)	Total number of men manager = $\left[\frac{7}{10} \times 60 + \frac{3}{5} \times 90 + \frac{7}{13} \times 130 + \frac{6}{11} \times 110 + \frac{5}{8} \times 80\right]$ = $[7 \times 6 + 3 \times 18 + 7 \times 10 + 6 \times 10 + 5$ = $[42 + 54 + 70 + 60 + 50]$ = 276 Total number of memory means are a			
$= \frac{x8}{\$13} + 520$ = [320 + 10] = 438 \therefore Difference = 108 127. (5) Number of T and R : = $\frac{x9}{\$23} + 460$ = [180 + 2]	= 438 – 330 female engineer in company $0 + \frac{7}{18}, 540\frac{\ddot{o}}{\dot{o}}$		Total number of women managers = $\begin{bmatrix} \frac{3}{10} \times 60 + \frac{2}{5} \times 90 + \frac{6}{13} \times 130 + \frac{5}{11} \times 110 + \frac{3}{8} \times 80 \end{bmatrix}$ = [18 + 36 + 60 + 50 + 30] = 194 Required difference = 276 - 194 = 82 Marks of S in Chemistry = 120 Total marks obtained by all the five students together = 90 + 110 + 100 + 120 + 60 = 480 Required % = $\frac{120}{480} \times 100 = 25\%$			







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VOCABULARIES

Word	Meaning in English	Meaning in Hindi
precarious	not securely held or in position; dangerously likely to fall or collapse.	अनिश्चित
suburban	of or characteristic of a suburb.	उपनगरीय
proximity	nearness in space, time, or relationship.	निकटता
pretentious	attempting to impress by affecting greater importance, than is actually possessed.	छद्म, दिखावटी
Immediacy	the quality of bringing one into direct and instant involvement with something, giving rise to a sense of urgency or excitement.	त्वरित प्रक्रिया
Juxtaposition	the fact of two things being seen or placed close together with contrasting effect.	तुलना
Propinquity	The state of being close to someone or something	समीपता
Diffident	Modest or shy because of a lack of self-confidence.	संकोची
Demurring	The action or process of objecting to or hesitating over something	ऐतराज, आपत्ति
Rote learning	A learning which incluldes mechanical or habitual repetition of something to be learned	रटने की क्रिया
Entrenched	(of an attitude, habit, or belief) firmly established and difficult or unlikely to change	दृढ़
Gargantuan	Enormous	विशाल
humongous	Very big	बहुत बडा़
maliciously	In a way that shows hatred and a desire to harm somebody or hurt their feelings	ईर्ष्यापूर्वक
prorogue	discontinue a session of (a parliament or other legislative assembly) without dissolving it.	स्थगित करना
susceptible	likely or liable to be influenced or harmed by a particular thing.	अतिसंवेदनशील
acquittal	a judgment that a person is not guilty of the crime with which the person has been charged.	रिहाई
intrinsic	belonging naturally;	स्वाभाविक
swathes	a large strip or area of something	क्षेत्र
emancipations	the fact or process of being set free from legal, social, or political restrictions.	मुक्ति
methodical	Done according to a systematic or established form of procedure.	विधिपूर्वक
exoneration	the action of officially absolving someone from blame.	दोषमुक्ति

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SBI CLERK (PHASE - II) MOCK TEST-48 (SOLUTION)

	1.	(2)	41.	(2)	81. (3)	121.(2)	161. (2)
	2.	(5)		(3)	82. (5)	122. (5)	162. (4)
	3.	(4)		(4)	83. (4)	123. (4)	163. (4)
	4.	(2)		(3)	84. (2)	124.(1)	164. (5)
	5.	(2)		(2)	85. (4)	125. (4)	165. (1)
	6.	(5)		(2)	86. (2)	126. (2)	166. (4)
	7.	(1)		(1)	87. (5)	127. (5)	167. (4)
	8.	(2)		(2)	88. (1)	128.(1)	168. (5)
	9.	(3)		(2)	89. (3)	129.(3)	169. (2)
	10.	(4)		(1)	90. (2)	130.(1)	170.(1)
	11.	(2)		(3)	91. (5)	131.(1)	171.(5)
	12.	(5)		(1)	92. (3)	132. (5)	172.(1)
	13.	(3)		(5)	93. (1)	133.(2)	173.(4)
	14.	(3)		(4)	94. (1)	134.(4)	174.(4)
	15.	(3)		(3)	95. (4)	135. (2)	175. (4)
	16.	(3)		(1)	96. (2)	136. (1)	176. (1)
	17.	(3)		(5)	97. (3)	137.(2)	177.(1)
	18.	(2)		(2)	98. (3)	138.(3)	178.(1)
	19.	(3)		(3)	99. (1)	139. (3)	179.(3)
	20.	(1)		(4)	100. (3)	140. (4)	180.(2)
	21.	(5)		(2)	101. (4)	141.(3)	181.(*)
	22.	(4)		(3)	102. (4)	142.(3)	182.(3)
	23.	(5)		(1)	103. (3)	143.(1)	183.(3)
	24.	(4)		(3)	104. (1)	144. (3)	184.(5)
	25.	(1)		(*)	105. (3)	145 (2)	185. (3)
	26.	(3)		(4)	106. (5)	146. (2)	186. (5)
	27.	(5)		(*)	107. (5)	147.(1)	187.(4)
	28.	(1)		(2)	108. (5)	148.(3)	188.(3)
	29.	(2)		(3)	109. (5)	149. (3)	189.(2)
	30.	(1)		(2)	110. (3)	150. (5)	190.(2)
	31.	(3)		(3)	111. (1)	151. (3)	190.(2)
	32.	(1)		(4)	112. (1)	152. (2)	
	33.	(2)		(2)	113. (5)	153. (1)	
	34.	(1)		(4)	114. (4)	154. (1)	
	35.	(2)		(2)	115. (1)	155. (4)	
	36.	(5)		(3)	116. (3)	155. (4)	
	30. 37.	(5)		(5)	117. (5)	150. (4) 157. (2)	
	38.	(3) (4)		(5)	117. (5)	157. (2)	
	39.	(+) (5)		(3)	118. (5) 119. (2)	159. (4)	
	40 .	(3)		(4)	119. (2) 120. (2)	160. (3)	
			30.	()	140. (4)	100. (0)	
recti	on : ((0. 61 –70)					

<u>Correction</u> : (Q. 61 – 70)

The options of the cloze test sent are erroneous. Somehow, later, we tried ous best to give your an appropriate set of answers. Execuse us.

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

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

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