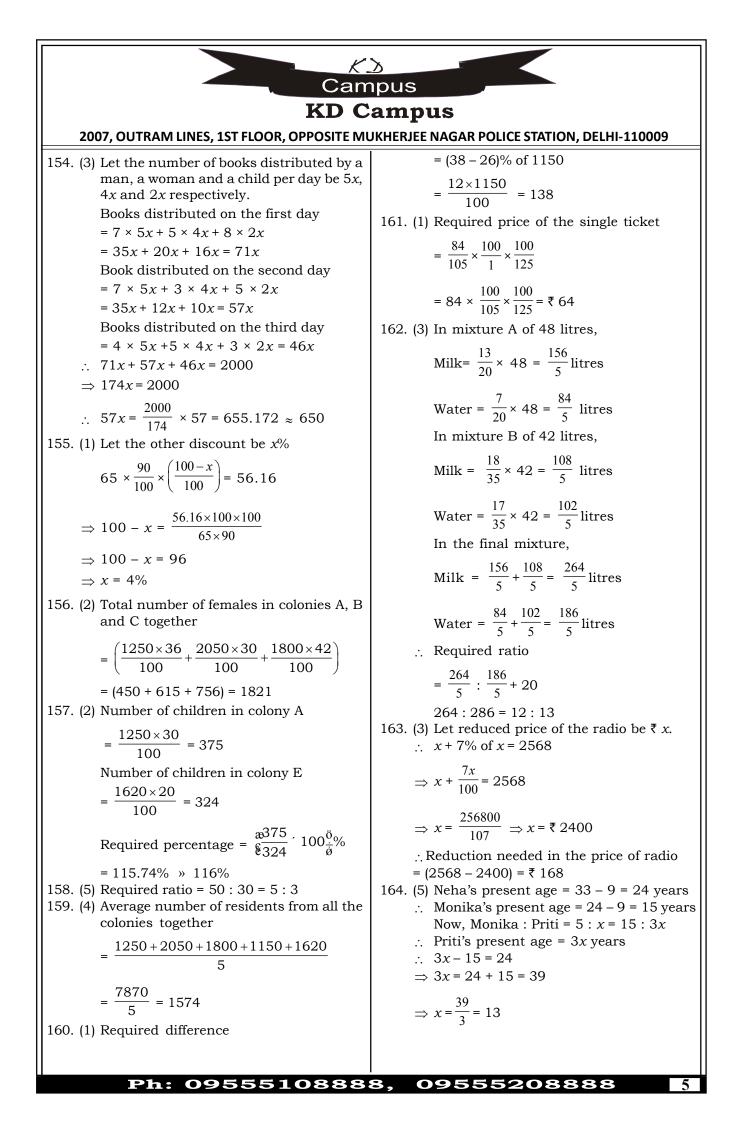


Campus						
KD Campus						
	JKHERJEE NAGAR POLICE STATION, DELHI-110009					
145. (2)	149. (1) The given series is based on the following					
Number of boys passed	pattern : 582 574 601 537 662 446					
States 2008 2009	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					
A 3968 4640 B 3300 5292	$-2^3 +3^3 -4^3 +5^3 -6^3$ Similarly,					
C 3900 5400						
D 3920 3990	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$					
E 3825 3840 F 3240 4224	$-2^3 +3^3 -4^3 +5^3$					
	Hence, 284 will come in place of (d).					
$A = \frac{(4640 - 3968)}{3968} \times 100 = 16.93\%$	150. (4) The given series is based on the following pattern:					
$B = \frac{(5292 - 3300)}{3300} \times 100 = 60.36\%$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					
$C = \frac{(5400 - 3900)}{3900} \times 100 = 38.46\%$	Similarly,					
	$\begin{array}{c} (a) & (b) & (c) \\ 125 & 63 & 64 & 97.5 \\ \hline \\ \times 0.5 + 0.5 & \times 1 + 1 & \times 1.5 + 1.5 \end{array}$					
$D = \frac{(3990 - 3920)}{3920} \times 100 = 1.78\%$	×0.5+0.5 ×1+1 ×1.5+1.5					
(3840 - 3825)	Hence, 97.5 will come in place of (c). 151. (4) Simple interest					
$E = \frac{(3840 - 3825)}{3825} \times 100 = 0.39\%$	$= \frac{35500 \times 15 \times 2}{100} = ₹ 10650$					
$F = \frac{(4224 - 3240)}{3240} \times 100 = 30.37\%$	Principal for another investment					
146. (3) The given series is based on the following pattern:	= 35500 + 10650 = ₹ 46150					
$30 = 12 \times 6 - 7 \times 6$	$\left[\left(1+20\right)^3\right]$					
$120 = 30 \times 5 - 6 \times 5 460 = 120 \times 4 - 5 \times 4$	∴ C.I. = ₹ 46150 $\left[\left(1 + \frac{20}{100} \right)^3 - 1 \right]$					
$460 = 120 \times 4 - 5 \times 4$ $1368 = 460 \times 3 - 4 \times 3$	$\left[\left(6\right)^{3}\right]$					
2730 = 1368 × 2 – 3 × 2	$= ₹ 46150 \left[\left(\frac{6}{5} \right)^3 - 1 \right]$					
Similarly, (a) = 16 × 6 - 7 × 6 = 96 - 42 = 54						
(a) $-10 \times 0 - 7 \times 0 - 90 - 42 - 54$ (b) $= 54 \times 5 - 6 \times 5 = 240$	= ₹ 46150 $\left(\frac{216-125}{125}\right)$					
(c) = $240 \times 4 - 5 \times 4 = 940$	46150×91					
(d) = 940 × 3 – 4 × 3 = 2808 Hence, 2808 will come in place of (d).	$= \overleftarrow{} \frac{46150 \times 91}{125}$					
147. (5) The given series is based on the following	=₹33597.20					
pattern:	Total interest earned $= \frac{1}{2} (10050 \pm 22507, 00) = \frac{1}{2} (10070, 00)$					
	= ₹ (10650 + 33597.20) = ₹ 44247.20 152. (1) ∴ Required possible combinations					
Similarly,	$= {}^{6}C_{4} \times {}^{7}C_{4} \times {}^{8}C_{4}$					
(a) (b) (c) (d) (e) 276 828 414 1242 621 1863 $x_3 \div 2 x_3 \div 2 x_3$ Hence 1863 will come in place of (e)	$= \frac{6 \times 5}{2 \times 1} \times \frac{7 \times 6 \times 5}{3 \times 2 \times 1} \times \frac{8 \times 7 \times 6 \times 5}{4 \times 3 \times 2 \times 1}$					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	= 15 × 35 × 70 = 36750					
Hence, 1863 will come in place of (e). 148. (2) The given series is based on the following	153. (1) Let the speed of the train be $x \text{ km/h}$ and					
pattern:	that of car be $y \text{ km/h}$.					
7 91 1001 7007 35035 105105 $131 \times 11 \times 7 \times 5 \times 3$	Then, $\frac{160}{x} + \frac{600}{y} = 8$ (i)					
Similarly,	$\frac{240}{r} + \frac{520}{y} = \frac{41}{5}$ (ii)					
(a) (b) (c) 14.5 188.5 2073.5 14514.5	$\frac{1}{x} + y = \frac{1}{5} \dots (11)$					
	Solving Eqs. (i) and (ii), we get					
$\times 13$ $\times 11$ $\times 7$ Hence, 14514.5 will come in place of (c).	x = 80 km/hr and $y = 100 km/hr$					
Ph: 0955510888						



EXAMPLES 1ST FLOOR, OPPOSITE MUKHERE NAGAR POLICE STATION, DELHI-110009
105. (4) Let principle be 1² and rate of interest is

$$\frac{P \times r \times 3}{100} + p^2 = 300$$

 $\frac{R}{300} + p^2 = 300$
 $\frac{R}{300} + p^2 = 300$
Substracting Eq. (i) from Eq. (ii), we get
 $\frac{P \times r \times 3}{100} + 100$
 $\therefore P \times r - 2000$
From Eq. (i),
 $2000 \times 3 + p - 300 \Rightarrow P - 7 240$
 $\therefore 240 \times r = 2000$
 $\Rightarrow r = 8.33\%$
106. (2) 1. $\frac{25}{3} + \frac{9}{3x^2} - \frac{12}{3x}$
 $\Rightarrow \frac{25 + 9 - 4}{x^2} = \frac{12}{x}$
 $\Rightarrow \frac{300}{x} = 12$
 $\Rightarrow 12x = 30$
 $\Rightarrow x = \frac{30}{12} = \frac{5}{2} - 2.5$
II. $9.84 - 2.64 = 0.05 + y^{1}$
 $\Rightarrow \frac{30}{2} = 2.5$
III. $1. \sqrt{901} \times x - \sqrt{1295}$
 $\Rightarrow \sqrt{900} \times x - \sqrt{1295}$
 $\Rightarrow \sqrt{9} - \frac{6}{4} = -1.5$
Clearly $x > y$
168. (1) 1. $\frac{243 + 343}{3} - x^{4}$
 $\Rightarrow \frac{566}{3} = x^{3}$

Ph: 09555108888, 09555208888

6



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

VOCABULARIES

Word	Meaning in English	Meaning in Hindi
Subvention	A grant of money, especially from a government	आर्थिक सहायता
Lofty	Deserving praise because of its high moral quality	काबिले तारीफ
Holistic	Considering a whole thing or being to be more than a collection of parts	समग्र
Constituents	A component part of something.	घटक, भाग
Piggybacking	To use something that already exists as a support for your own work	उपयोग करना
Ethical	Morally correct or acceptable	नैतिक
Pragmatism	Dealing with things sensibly and realistically in a way that is based on practical rather than theoretical considerations	व्यावहारिक
Largesse	Generosity in bestowing money or gifts upon others.	उदारता
Dismantling	The process of ending an organization or system gradually in an organized way	नियंत्रित तरीके से खत्म करना
Seeding	To put in or provide	जोड़ना, देना
Mapping	The process of discovering or giving information about something.	खोजने या जानकारी प्राप्त करने की प्रक्रिया
Cut a swathe through something	To pass through a particular area destroying a large part of it	एक बड़े क्षेत्र को खत्म करना
Assorted	Of various sorts put together; miscellaneous.	चयनित, मिश्रित
Juxtaposed	Placed close together for contrasting effect	तुलना किया हुआ

7



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

RBI GRADE (B) - 56 PHASE-I (ANSKER KEY)

1. (4)	41. (5)	81. (4)	121.(2)	161. (1)
2. (2)	42. (5)	82. (5)	122.(1)	162. (3)
3. (1)	43. (3)	83. (3)	123.(3)	163. (3)
4. (2)	44. (3)	84. (2)	124.(4)	164. (5)
5. (5)	45. (1)	85. (1)	125. (2)	165. (4)
6. (4)	46. (1)	86. (2)	126. (1)	166. (2)
7. (3)	47. (5)	87. (2)	127.(4)	167. (1)
8. (1)	48. (2)	88. (4)	128.(4)	168. (1)
9. (1)	49. (5)	89. (4)	129.(1)	169. (3)
10. (2)	50. (1)	90. (2)	130.(4)	170.(1)
11. (5)	51. (2)	91. (5)	131.(1)	171.(3)
12. (1)	52. (2)	92. (2)	132.(1)	172. (5)
13. (2)	53. (2)	93. (2)	133.(3)	173. (5)
14. (1)	54. (4)	94. (5)	134. (5)	174. (2)
15. (3)	55. (1)	95. (5)	135. (2)	175. (2)
16. (2)	56. (5)	96. (3)	136. (1)	176. (4)
17. (2)	57. (2)	97. (3)	137.(2)	177. (5)
18. (1)	58. (3)	98. (2)	138.(3)	178.(3)
19. (2)	59. (2)	99. (<u>4</u>)	139. (4)	179.(3)
20. (4)	60. (2)	100. (3)	140.(3)	180.(1)
21. (1)	61. (2)	101. (2)	141.(3)	181.(1)
22. (1)	62. (1)	102. (3)	142.(1)	182.(4)
23. (4)	63. (3)	103. (1)	143.(2)	183.(2)
24. (2)	64. (4)	104. (2)	144.(4)	184.(2)
25. (4)	65. (3)	105. (1)	145 (2)	185. (2)
26. (2)	66. (3)	106. (4)	146. (3)	186. (4)
27. (3)	67. (3)	107. (1)	147.(5)	187.(3)
28. (1)	68. (3)	108. (3)	148.(2)	188.(2)
29. (2)	69. (5)	109. (2)	149.(1)	189. (5)
30. (3)	70. (4)	110. (2)	150. (4)	190.(1)
31. (4)	71. (4)	111. (1)	151. (4)	191.(2)
32. (1)	72. (1)	112. (3)	152. (1)	192. (5)
33. (4)	73. (1)	113. (2)	153. (1)	193.(4)
34. (4)	74. (4)	114. (1)	154. (3)	194.(2)
35. (3)	75. (5)	115. (3)	155. (1)	195. (5)
36. (3)	76. (2)	116. (5)	156. (2)	196. (3)
37. (4)	77. (1)	117. (5)	157. (2)	197.(2)
38. (1)	78. (3)	118. (2)	158. (5)	198.(1)
39. (1)	79. (1)	119. (4)	159. (4)	199.(1)
40. (2)	80. (5)	120. (3)	160. (1)	200.(1)
V 7	\ - <i>\</i>		~ /	200.(1)

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

8