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

## BANK PO PHASE-I MOCK TEST-6 (SOLUTION)

## Solutions (1-6):



1. (4)
2. (2)
3. (2)
4. (1)
5. (5)
6. (5)
(7-11):
Based on the information given, we get the following table:

7. (3) Deepak - Mona, Manish - Shruti
8. (5) Deepak is an Engineer.
9. (4) Can not be determined, because gender of Tinu cannot be known.
10. (4) Profession of Shruti cannot be determined.
11. (1)
(12-16)
First the vowels and consonants are arranged from left and right end in alphabetical order respectively and once the words are arranged, then the numbers are arranged from left to right in decreasing order.
Input : along 86 badminton 85 afraid 88 banana 82 backbone 84 abat 81 acron 89 batmen
Step I : abat along 86 badminton 85 afraid 8882 backbone 8481 acron 89 banana batmen.
Step II: abat acron along 8685 afraid 8882 backbone 848189 badminton banana batmen.
Step III: abat acron afraid along 8685888284 8189 backbone badminton banana batmen.
Step IV: abat acron afraid along 8986858882 8481 backbone badminton banana batmen.
Step V: abat acron afraid along 8988868582 8481 backbone badminton banana batmen.

Step VI: abat acron afraid along 8988868584 8281 backbone badminton banana batmen.
Step VI is the last step.
12. (5)
13. (2)
14. (1)
15. (5)
16. (4)
(17-20):
17. (4)

18. (5)


Intelligent
19. (4)


OR

20. (3)


## (21-25)

21. (4) Code for apple cannot be determined even by using both the statements together.
22. (4) Can't be determined even by using both the statements together.
23. (4)
24. (4)
25. (4) Even by using both the statements together, gender of Tina cannot be determined. So, we cannot say if Tina is mother or father of Dinkar.
(26-30)
26. (1)
27. (2)
28. (4)
29. (4)
(31-35)
30. (2)
31. (5)
32. (5)
33. (4)
34. (1)

## MATHS

36. (1) $3463 \times 295-18611=?+5883$
$\Rightarrow$ ? $=1021585-18611-5883=997091$
37. (3) $533.61+2361.96-1584.04=?+1147.69$ $?=13113.53-1147.69=163.84$
38. (3) $40 \times \frac{4330}{100}+59 \times \frac{5000}{100}=1732++2950=$ $4682 \approx 4700$
39. (5) $43931 \div 2111 \times 401=$ ? $=8300$
40. (1) Let $x$ is the overall expenditure of students. then, $42(x-1)-35 x=42$
$\Rightarrow x=12$
Initial expenditure $=12 \times 35=420$
41. (3) Prime no. between 20 to 50 are 23, 29, 31, 37, 41, 43 and 47.
42. (3) Volume of tank $=5 \times \frac{9}{2} \times \frac{21}{10}=\frac{189}{4} \mathrm{~m}^{3}$ Area of remaining field $=\frac{27}{2} \times \frac{5}{2}-5 \times \frac{9}{2}=\frac{45}{4} \mathrm{~m}^{2}$ So, $\frac{45}{4} \times \mathrm{h}=\frac{189}{4}$
So, $h=4.2$
43. (2) $525=\mathrm{P}\left[\left(1+\frac{R}{100}\right)^{n}-1\right]$
$\Rightarrow \quad \mathrm{P}=2500$
Then, SI for 4 years with $5 \%$ rate per annum $=\left(\frac{2500 \times 4 \times 5}{100}\right)=500$
44. (1) $\mathrm{CP}=(1920+1280) / 2=1600$
$\mathrm{SP}=1600 \times \frac{125}{100}=2000$
45. (2) $6 \times 9+1=55,5 \times 5+1=26,2 \times 6+1=13$ $1 \times 3+1=4$
46. (1) $1+1=2,2+3=5,5+5=10,10+7=17,17+9=26$ So, 26 should be in place of 28 .

## (47-50)

47. (3) The pattern of number series is as follows:
$6 \times 7+7^{2}=42+49=91$
$91 \times 6+6^{2}=546+36=582 \neq 584$
48. (4) The pattern of number series is as follows:
$I^{1}=1 ; 2^{2}=4 ; 3^{3}=27 \neq 25 ; 4^{4}=256 ;$
$5^{5}=3125 ; 6^{6}=46656 ; 7^{7}=823543$
49. (4) The pattern of number series is as follows:
$7 \times 2-2=12$
$12 \times 4-(2+6)=48-8=40$
$40 \times 6-(8+10)=240-18=222$
$222 \times 8-(18+14)=1776-32=1744 \neq 1742$
$1744 \times 10-(32+18)=17440-50=17390$
50. (2) $1^{\text {st }} \mathrm{P}=1600, \mathrm{R}=2.5 \%$ and $\mathrm{T}=2$ year
$1^{\text {st }}$ C.I. $=2 \times(2.5 \%$ of 1600$)+2.5 \%(2.5 \%$ of 1600 )
$=2 \times 40+1=81$
$2^{\text {nd }}$ C.I, $\mathrm{P}=1600, \mathrm{R}=2.5, \mathrm{~T}=1$ year
$2^{\text {nd }}$ C.I. $=2.5 \%$ of $1600=40$
C.I. $=81+40=121$
51. (4) $a / b=4 / 5$ and $b / c=15 / 16$
$a: b=4: 5$ and $b: c=15: 16$
$\mathrm{a}: \mathrm{b}: \mathrm{c}=12: 15: 16$
$\left(c^{2}-a^{2}\right) /\left(c^{2}+a^{2}\right)=7 / 25$
52. (3) Let Rachana's time $=x$

Sulochana's time $=x+6$
$\frac{1}{x}+\frac{1}{x+6}=\frac{1}{4}$
$x=6 \mathrm{hr}$
53. (2)

In first can =
In second can $=$
WATER : MILK

$2=12$ liters
then - milk $=6 l$ water $=6 l$
54. (1) When type 1 suger and type 2 suger is mixed in proposition of $2: 3$.
Total price for total suger is
$=(15 \times 2)+(20 \times 3)=₹ 90$ for 5 kg .
then, price per kg. $=\frac{90}{5}=₹ 18$ per kg.
55. (5) $1^{\text {st }}$ capacity $=l \times \mathrm{b} \times \mathrm{h}=8 \times 8 \times 14=896$ $2^{\text {nd }}$ capacity $=\pi r^{2} h=\frac{22}{7} \times 4 \times 4 \times 14=704$
Difference in capacities $=896-704=192$
56. (5)
57. (5)
58. (4)
59. (3)
60. (2) $7 \mathrm{C}_{3} \times 6 \mathrm{C}_{2}+7 \mathrm{C}_{4} \times 6 \mathrm{C}_{1}+7 \mathrm{C}_{5}=756$
61. (4) LD N G (E A I)
$5!\times 3!=720$
(62). (4)

$$
\begin{gathered}
225 \mathrm{P}^{2}-4=0 \\
\mathrm{P}^{2}=\frac{225}{4} \\
\mathrm{P}= \pm \frac{2}{15} \\
\sqrt{225} \mathrm{q}+2=0 \\
\sqrt{225} \mathrm{q}=-2 \\
\mathrm{q}=\frac{-2}{15} \\
\mathrm{p} \geq \mathrm{q}
\end{gathered}
$$

2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009
63. (5) $\mathrm{p}^{2}=729$
$\mathrm{q}=\sqrt{729}$
$\mathrm{p}= \pm 27$
$\mathrm{q}=27$

## $\mathrm{P} \leq \mathrm{q}$

64. (3) I. $2 p^{2}+11 \mathrm{p}+14=0$
$2 p^{2}+7 p+4 p+14=0$
$\mathrm{p}=-\frac{7}{2},-2$
II. $4 q^{2}+12 q+9=0$
$4 q^{2}+6 q+6 q+9=0$
$q=-\frac{3}{2}$

$$
\mathrm{P}<\mathrm{q}
$$

65. (4) $\mathrm{P}^{2}-7 \mathrm{P}+12=0 \quad \mathrm{q}^{2}+\mathrm{q}-12=0$ $P^{2}-4 P-3 P+12=0 \quad q^{2}+4 q-3 q-12=0$ $\mathrm{P}=4,3 \quad \mathrm{q}=-4,3$

$$
P \geq q
$$

(66-70)
66. (2) Total urban population of Maharashtra and Odisha together

$$
\begin{aligned}
& =\frac{2250000 \times 17}{45}+\frac{1136000 \times 5}{16} \\
& =850000+355000=1205000
\end{aligned}
$$

Total population of Maharashtra and Odisha

$$
=2250000+1136000=3386000
$$

Required $\%=\frac{1205000}{3386000} \times 100=35.587 \approx 35.59 \%$
67. (2) Rural $=28$; Urban $=17$
$\therefore$ Difference $=28-17=11$
$\therefore$ Required $\%=\frac{11}{28} \times 100 \approx 39 \%$
68. (5) Total illiterate population of West Bengal, Odisha and Madhya Pradesh together
$=\left(\frac{2480000 \times 11}{31}+\frac{1136000 \times 5}{16}+\frac{1642000 \times 1}{4}\right)$
$=880000+355000+410500=1645500$
$\therefore$ Required $\%=\left(\frac{1645500}{2480000+1136000+1642000}\right) \times 100$

$$
=\frac{1645500}{5258000} \times 100=\frac{164550}{5258}=31.29 \% \approx 31 \%
$$

69. (2) Reqd difference

$$
\begin{aligned}
& =\left(\frac{1642000 \times 3}{4} \times \frac{35}{100}-\frac{248000 \times 3}{4} \times \frac{44}{100}\right) \\
& =431025-81840=349185
\end{aligned}
$$

70. (3) Total number of graduates from Odisha, West Bengal and Maharashtra together
$=\frac{1136000 \times 11}{16} \times \frac{38}{100}+\frac{2480000 \times 20}{31} \times \frac{42}{100}+$ $\frac{2250000 \times 5}{8} \times \frac{48}{100}=\frac{11360 \times 11 \times 38}{16}$
$+\frac{24800 \times 20 \times 42}{31}+\frac{22500 \times 5 \times 48}{16}$
$=296780+672000+675000=1643780$

## ENGLISH LANGUAGE

## (81-85)

## Correct arrangement: 524631

86. (3) Substitute 'no' for 'any'. 'Despite' must take a phrase/clause/sentence having contrary idea.
Here, contrary to 'taking steps'should be followed by 'no improvement'. Therefore 'any'should be replaced with 'no'.
87. (1) Substitute 'is experiencing' for 'experiences'. There is a cause-effect relationship in the sentence. As the US economy is experiencing a recession, the result there of is likely a reduced growth rate.
88. (3) Substitute 'of' for 'with'.
89. (2) Substitute 'similar' for 'similarly'.
90. (3) Substitute 'is' for 'are'. In case of 'neither.....nor', the verb is guided by the nearest number/person of noun or pronoun used. 'Assistant' being singular will take singular verb.
91. (3) Here, in the first statement 'long' should be used for the distance between Delhi and Assam. In the second statement, it should be used to make a phrase 'long face' which means 'sad'.
92. (2) Here 'open' should be used. Because, In the first sentence, it gives the meaning 'frank and honest', whereas in the second sentence, it is about an offer which is still going on.
93. (4) Keeping in view of both these sentences, the reason for using 'Prime' is as following. Prime Suspect = the main person which is suspected to be guilty some of thing. Prime the engine $=$ to make the engine ready for use or an action.
94. (2) Here, 'separates' should be used to mark the difference which the passage depicts between the school life and the life outside.
95. (4) As, the children are expected to learn about life in school. Thus, 'supposed' is the proper word to choose.
96. (1) Here, we are discussing about the teaching being received in school which is supposed to be so holy and approved. It contains no harsh reality of the world outside. Thus, regarding this view, 'sanctified' should be used.
97. (5) Here, talking of the feasibility of those teachings into this harsh outside world, 'applicability' is the proper word to use.
98. (3) As school Authorities always talk about values, being iterative, the word thus, chosen should be contrary to 'always' which is 'seldom'.

## Vocabularies

## Word

Abysmal
Alacrity
Budge
Cackle
Chicanery

Cynicism

Deodorise
Didactic

Din
Douse
Imbibe (something)
Induction

Insulate

Insurgency
Inviolate
Proxy

Relentlessly

Repercussion

Requisition

Sanctify

Spiral

Substantial

## Meaning in English

Extremely bad or of very low standard
Great willingness or enthusiasm
To change an opinion about something
A loud unpleasant voice
The use of complicated plans and clever talks in order to trick people.
A belief that something good will not happen or that something is not important.

To remove or hide an unpleasant smell in a place
Designed to teach people something, especially a moral lesson.

A loud, unpleasant noise that lasts for a long time To plunge into water, to throw a liquid on
To absorb something
The process of introducing somebody to a new job, organisation or a ceremony at which this takes place.
To protect something/somebody from unpleasant experiences or influences.

An attempt to take control of a country by force Not harmed or changed
Power or authority that is given to allow a person to act for someone else.
In a way that continues strongly, without stopping, giving लगा तार, निष्ठु र ढं. ग $ै$ up or getting less strong.
An indirect and usually bad result of an action or event that may happen.

To officially demand the use of something, especially during a war or an emergency.
To make something seem right or legal; to give official approval of something.

A continuous harmful increase or decrease in something that gradually gets faster.

Large in amount, value or importance

Meaning in Hindi
बहु तबु रा
तर प्रता , उ $\bar{\tau}$ सा ह
रा यबदलना, पे $\overline{\text { र }}$ बदलकरन
बकबक, बकवा स
छ ल- कप्ट , प्र वं चना

निरा प $T$ वा द

बदबू हट T ना ,
पि क्ष $T \bar{\Gamma}$ मक, उपद्दे पर $T$

क‘ ला हल, प †' रगु ल
बु झा ना , $\uparrow ि$ गा' ना
अ гं मसात् क्रले ना, ग्र हप करना आ रं $\mathcal{T} T$, अधिठ T प्म

आ वरण चढ़ T घृथग क करन

बगा वत, विद्र †' ह
अक्ष C , पवित T
प्र तिनिधि व


अधि हप करना,
मा ग ग्र स तु त करना
आ ज्ञा दे ना

उ ₹ Tराॅ ₹ Tरवृ द्धि

बहु तअधिमा ラTT मे

## Campus <br> KD Campus Pvt. Ltd

## BANK PO PHASE - I MOCK TEST - 6 (ANSWER KEY)

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

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

