Bank of Baroda Probationary Officer Exam Solved Paper – Reasoning Ability

(Held on 06-05-2007) Based on Memory

1. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?
(A) 125 (B) 729 (C) 216 (D) 512 (E) 648

2. How many such pairs of letters are there in the word EXECUTION, each of which has as many letters between them in the word as they have between them in the English alphabet?
(A) None (B) One (C) Two (D) Three (E) More than three

3. In a certain code DESIRABLE is written as JTFEQFMCB, how is DIMENSION written in that code?
(A) FNJEMTJPO (B) FNJEOOPJT (C) FNJEMOPJT (D) EJNFMOPJT (E) None of these

4. In a certain code KNIFE is written as $3%#5 and LAKE is written as 7@$5. How is FAIL written in that code ?
(A) %$#7 (B) #@%7 (C) $@%7 (D) $%@7 (E) None of these

5. How many such pairs of digits are there in the number 75938462, each of which has as many digits between them in the number as they have between them when arranged in ascending order?
(A) None (B) One (C) Two (D) Three (E) More than three

Directions—(Q. 6–10) Given an input line a machine generates passcodes step by step following certain rules as illustrated below— Input : talk seven 37 48 given 83 likely 62

Step I : 37 talk seven 48 given 83 likely 62

Step II : 37 talk 48 seven given 83 likely 62

Step III : 37 talk 48 seven given 83 likely

Step IV : 37 talk 48 seven 62 likely given 83

Step V : 37 talk 48 seven 62 likely 83 given Step V is the last step for this input. In the following questions same logic as illustrated above is to be used.

6. Step II for an input is "23 working 48 32 park blossom 26 garden". What will be the fifth step?
(A) 23 working 26 park 48 32 blossom garden
(B) 23 working 26 park 32 48 blossom garden
(C) 23 working 26 32 park 48 blossom garden
(D) 23 working 26 48 park 32 blossom garden
(E) None of these

7. Second step of an input is "12 where 82 33 great wall 49 just". Which step will be the last step?
(A) VI (B) VII (C) VIII (D) IV (E) None of these

8. What will be Step III for the following input? **Input** : Phone computer 32 link 18 75 46 diary
(A) 18 phone 46 link computer 75 32 diary
(B) 18 phone 32 link 46 computer 75 diary
(C) 18 phone 32 computer link 75 46 diary
(D) 18 phone 32 link computer 75 46 diary
(E) None of these

9. Step IV of an input is "22 united 37 trading killer 45 72 jogger". What will be the input definitely ?
(A) United 22 37 jogger 45 trading 72 killer (B) United trading 22 37 jogger 45 72 killer (C) United 22 trading jogger 37, killer 45 72 (D) Cannot be determined (E) None of these

10. What will be the third step of an input whose first step is "17 45 follow rule examination 36 85 hut" ?
(A) 17 rule 36 45 follow examination 85 hut (B) 17 rule 36 45 follow 85 examination hut (C) 17 rule 36 45 examination follow 85 hut (D) Cannot be determined (E) None of these

*Directions—(Q. 11–15) In the following questions, the symbols @, #, %, $, * are used with different meanings as follows :*

'A @ B' means 'A is not smaller than B'.

'A # B' means 'A is not greater than B'.

'A % B' means 'A is neither smaller than nor equal to B'.

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'A $ B' means 'A is neither greater than nor equal to B'.

'A * B' means 'A is neither greater than nor smaller than B'.

In each of the following questions assuming the given statements to be true, find out which of the three conclusions I, II and III given below them is/are **definitely true**.

11. **Statements** : R % Q, Q @ T, T * U, U # M **Conclusions** : I. M @ T II. Q @ M III. Q * M
(A) Only either II or III follows
(B) Only I follows
(C) Only II follows
(D) Only I and either II or III follow
(E) None of these

12. **Statements** : M # K, K @ Z, Z % H, H * D **Conclusions** : I. D $ K II. H $ M III. H @ M
(A) Only I and either II or III follow
(B) Only I follows
(C) Only either II or III follows
(D) Only I & II follow
(E) None of these

13. **Statements** : W @ V, V # T, T $ P, P @ Q **Conclusions** : I. P % V II. T $ Q III. Q @ V
(A) Only I & II follow
(B) Only II & III
(C) Only I & III follow
(D) All I, II & III follow
(E) None of these

14. **Statements** : J @ L, K # L, K $ V, V % W **Conclusions** : I. J % K II. L @ V III. K $ W
(A) Only I follows
(B) Only II follows
(C) Only II & III follow
(D) Only I & II follow
(E) None of these

15. **Statements** : L % F, F @ H, H $ E, E * N **Conclusions** : I. H $ L II. H $ N III. L * N
(A) Only I & III follow
(B) Only I & II follow
(C) Only II & III follow
(D) Only either I or II and III follow
(E) None of these

Answers:
1. (E)
2. (E)
3. (C)
4. (B)
5. (E)
6. (B)
7. (A)
8. (D)
9. (D)
10. (A)
11. (B)
12. (B)
14. (E)
15. (B)