

## IBPS CLERK

11-12-2011

Test I  
Reasoning

1. In a certain code 'TERMINAL' is written as 'NSFUMBOJ' and 'TOWERS' is written as 'XPUTSF'. How is 'MATE' written in that code?
  - (1) FUBN           (2) UFNB
  - (3) BNFU           (4) BNDS
  - (5) None of these
2. The positions of how many digits in the number 5314647 will remain unchanged after the digits are rearranged in ascending order within the number?
  - (1) None           (2) One
  - (3) Two           (4) Three
  - (5) More than three
3. What should come in place of the questions mark (?) in the following letter series?  
AC EG IK MO ?
  - (1) PR           (2) QS
  - (3) QR           (4) PS
4. 'ERID' is related to 'DIRE' in the same way as 'RIPE' is related to \_\_\_\_\_ ?
  - (1) EPIR           (2) PERI
  - (3) EPRI           (4) PEIR
  - (5) IPRE
5. How many meaningful English words can be made with the third, the fifth, the seventh and the ninth letters of the word 'DOWNGRADED', using each letter only once in each word?
  - (1) None           (2) One
  - (3) Two           (4) Three
  - (5) More than three

6-10. In each question below, a group of digits/symbols is given by four combinations of letters numbered (1), (2), (3) and (4). You have to find out which of the combinations (1), (2), (3) and (4) correctly represents the group of digit/symbols based on the following coding system and the conditions those follow and mark the number of that combination as your answer. If none of the four combinations correctly represents the groups of digits/symbols, mark (5) i.e., 'None of these' as the answer.

Digit/Symbol :	5	9	@	©	3	8	1	\$	%	4	2	6	*	7	δ	#
Letter Code :	B	E	P	A	K	D	F	H	Q	I	R	J	U	M	V	T

- Conditions: (i) If the first unit in the group is an even digit and the last unit is a symbol, both these are to be coded as the code for the symbol.
- (ii) If the first unit in the group is an odd digit and the last unit is an even digit, their codes are to be interchanged.
- (iii) If both the first and the last units in the group are symbols, both these are to be coded as 'X'.

6. @91\$26  
 (1) JEFHRP (2) PEFHRP  
 (3) XEFHRX (4) PEFHRJ  
 (5) None of these
7. 387#©9  
 (1) KMDTAE (2) KDMATE  
 (3) EDMTAK (4) KDMTAK  
 (5) None of these
8. 4@312  
 (1) VPKFRV (2) VPKFRI  
 (3) XPKFRX (4) IPKFRV  
 (5) None of these
9. %4187\*  
 (1) QIFDMU (2) UIFDMQ  
 (3) XIFDMX (4) UIFDMU  
 (5) None of these
10. 9124δ6  
 (1) EFRIVJ (2) JFRIVE  
 (3) EFRIVE (4) XFRIVX  
 (5) None of these

11-15. In the following questions, the symbols, %, \*, \$ and © are used with the following meaning as illustrated

below:

- 'P % Q' means 'P is not smaller than Q'
- 'P \* Q' means 'P is neither greater than nor equal to Q'.
- 'P A' means 'P is neither smaller than nor equal to Q'.
- 'P \$ Q' means 'P is neither greater than nor smaller than Q'.
- 'P © Q' means 'P is not greater than Q'.

Now in each of the following questions assuming the given statements to be true, find which of the two conclusions I and II given below them is/are definitely true?

Give answer (1) if only Conclusion I is true.  
 Give answer (2) if only Conclusion II is true.

Give answer (3) if either Conclusion I or II is true.

Give answer (4) if neither Conclusion I nor II is true.

Give answer (5) if both Conclusions I and II are true.

11. Statements : D \$ T,  
 T % M,  
 M \* J

- Conclusions : I. J D  
 II. M © D

12. Statements : R \* K,  
 K \$ N,  
 N % R

- Conclusions : I. R \$ K  
 II. R \* K

13. Statements : H % F,  
 F \* W,  
 W \$ E

- Conclusions : I. E F  
II. H W
14. Statements : Z δ D,  
D © K,  
K M
- Conclusions : I. M \* D  
II. Z K
15. Statements : W © B,  
N δ B,  
N © F
- Conclusions : I. F B  
II. W \* N

16-20. Study the following information carefully and answer the question given below:

P, T, V, R, M, D, K and W are sitting around a circular table facing the center. V is second to the left of T. T is fourth to the right of M. D and P are not immediate neighbours of T. D is third to the right of P. W is not an immediate neighbour of P. P is to the immediate left of K.

16. Who is second to the left of K?  
(1) P (2) R  
(3) M (4) W  
(5) Data inadequate
17. Who is to the immediate left of V?  
(1) D (2) M  
(3) W  
(4) Data inadequate  
(5) None of these
18. Who is third to the right of V?  
(1) T (2) K  
(3) P (4) M  
(5) None of these

19. What is R's positions with respect to V?  
(1) Third to the right  
(2) Fifth to the right  
(3) Third to the left  
(4) Second to the left  
(5) Fourth to the left
20. Four of the following five are alike in a certain way based on their positions in the above seating arrangement and so form a group. Which of the following does not belong to that group?  
(1) DW (2) TP  
(3) VM (4) RD  
(5) KR

21-25. Each of the following below consists of a question and two statements numbered I and II below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and \_\_\_\_\_

- Give answer (1) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
- Give answer (2) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
- Give answer (3) if the data either in statement I alone or in statement II alone are

- sufficient to answer the question.
- Give answer (4) if the data given in both the statement I & II together are not sufficient to answer the question.
- Give answer (5) if the data in both the statements I & II together are necessary to answer the question.
21. Towards which direction is Village M from Village T?
- Village P is to the South of Village M and Village P is to the West Village T.
  - Village K is to the East of Village M and Village K is to the North of Village T.
22. On which day in July was definitely Mohan's mother's birthday?
- Mohan correctly remembers that his mother's birthday is before eighteenth but after twelfth July.
  - Mohan's sister correctly remembers that their mother's birthday is after fifteenth but before nineteenth July.
23. How is D related to M?
- K and D are only sister of R.
  - M is married to R's father.
24. How is 'near' written in a code language?
- 'go near the tree' is written as 'sa na pa ta' is that code language.
  - 'tree is near home' is written as 'ja pa da sa' in that code language.
25. Among A, B, C, D and E, each having scored different marks in an exam, who has scored the lowest marks?
- D has scored more marks than only three of them.
  - A has scored more marks than only E.
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- 26-30. Study the following information carefully and answer the given questions:
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- A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement. (All the numbers are two-digit numbers.)
- Input : pink for 25 72 white jar 12 96  
 Step I : 96 pink for 25 72 white jar 12  
 Step II : 96 for pink 25 72 white jar 12  
 Step III : 96 for 72 pink 25 white jar 12  
 Step IV : 96 for 72 jar pink 25 white 12  
 Step V : 96 for 72 jar 25 pink white 12  
 Step VI : 96 for 72 jar 25 pink 12 white
- and Step VI is the last step of the rearrangement as the desired arrangement is reached.
- As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input. (All the numbers are two-digit numbers.)
26. Input:16 power failure 61 53 new cost 27
- How many steps will be required to complete the rearrangement?
- Six
  - Seven
  - Five
  - Four
  - None of these

27. Step II of and Input: 84 ask quit these 39 12 old 51

Which of the following will definitely be the input?

- (1) quit these 39 12 old 84 ask 51
  - (2) quit these 39 12 old 51 84 ask
  - (3) quit 84 these ask 39 12 old 51
  - (4) Cannot be determined
  - (5) None of these
28. Step III of an Input: 63 bed 58 never go home 46 28
- How many more steps will be required to complete the rearrangement?
- (1) Four
  - (2) Three
  - (3) Five
  - (4) Six
  - (5) None of these
29. Input: rows 25 columns 39 46 fear star 72

Which of the following steps will be the last but one?

- (1) V                      (2) VI
- (3) VII
- (4) VIII
- (5) None of these

30. Input: ordinary 47 tablet 36 dry 91 32 handle

Which of the following will be the Step VI?

- (1) 91 dry 47 handle 36 32 ordinary tablet
- (2) 91 dry 47 handle 36 ordinary 32 tablet
- (3) 91 dry 47 handle 36 ordinary tablet 32

- (4) There will be no such step
- (5) None of these

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31-35. Study the following information and answer the questions given below:

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A, B, C, D, E, F and G are seven members of a club. Each of them like one day of the week viz. Monday, Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday, not necessarily in the same order. Each of them owns a different car type viz. Swift, Alto, Figo, Beat, SX4, Estillo and Optra, not necessarily in the same order.

C likes Wednesday and his favourite car is neither SX4 nor Optra. E does not like Monday and his favourite car is Beat. The favourite car of the one who likes Friday is Figo. The one whose favourite car is Estillo likes Tuesday. D likes Saturday and D's favourite car is not SX4. G's favourite car is Alto. F likes Thursday. B does not like Estillo.

31. Who among them likes Tuesday?

- (1) A
- (2) B
- (3) D
- (4) Data inadequate
- (5) None of these

32. Whose favourite car is Figo?

- (1) A
- (2) B
- (3) F                      (4) C
- (5) None of these

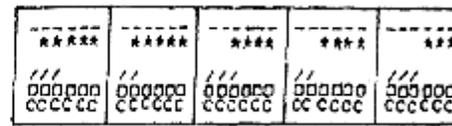
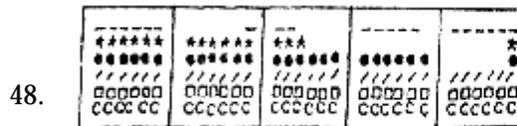
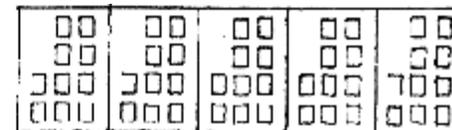
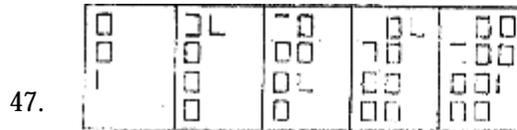
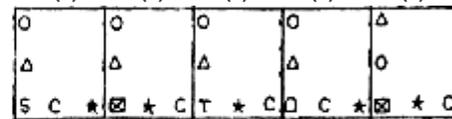
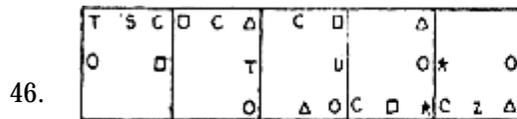
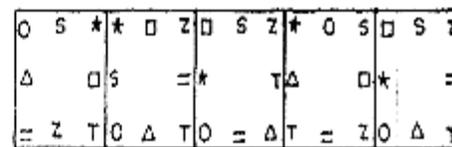
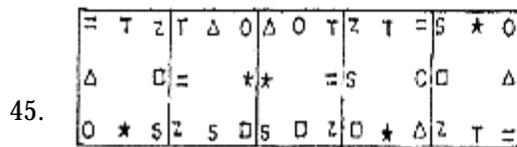
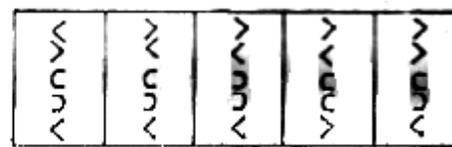
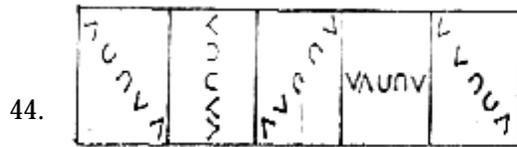
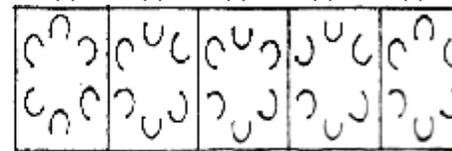
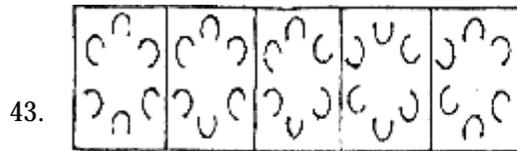
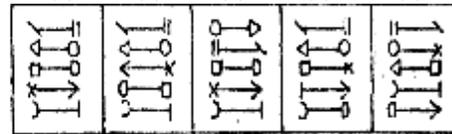
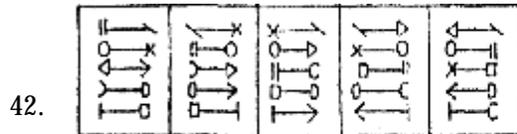
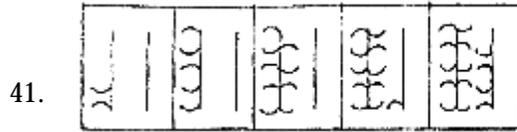
33. Who among them likes Sunday?

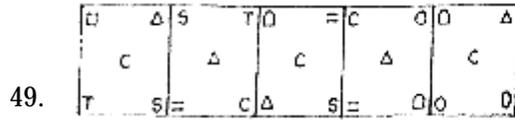
- (1) A                      (2) C
- (3) F                      (4) E
- (5) Data inadequate

34. Who favourite car is SX4?  
 (1) B (2) A  
 (3) F (4) D  
 (5) None of these
35. Which of the following combinations is correct?  
 (1) F - Thursday - Estillo  
 (2) C - Wednesday - Alto  
 (3) D - Saturday - Beat  
 (4) G - Monday - Swift  
 (5) All are incorrect
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- 36-40. In each question below are two statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusion logically follows from the given statements disregarding commonly known facts.
- Give answer (1) if only conclusion I follows.  
 Give answer (2) if only conclusion II follows.  
 Give answer (3) if either conclusion I or II follows.  
 Give answer (4) if neither conclusion I nor II follows.  
 Give answer (5) if both conclusions I and II follow.
36. Statements : Some trees are bushes. All flowers are bushes.  
 Conclusions : I. At least some bushes are trees.  
 II. At least some flowers are trees.
37. Statements : All colours are paints. No paint is a brush.  
 Conclusions : I. At least some brushes are colours.  
 II. No brush is a colour
38. Statements : Some chemicals are organics. All organics are fertilizers.  
 Conclusions : I. At least some fertilizers are chemicals.  
 II. All fertilizers are organics
39. Statements : No air is solid. Some solids are liquids.  
 Conclusions : I. No liquid is air.  
 II. Some airs are definitely not liquids.
40. Statements : All gems are diamonds. All diamonds are rocks.  
 Conclusions : I. At least some rocks are gems.  
 II. All gems are rocks.
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- 41-50. In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?

PROBLEM FIGURES

ANSWERS FIGURES





(1)      (2)      (3)      (4)      (5)



(1)      (2)      (3)      (4)      (5)