IBPS CLERK MARATHON – 2016

REASONING - Miscellaneous

1. In a row of girls, Rita and Monika occupy the ninth place from the right end and tenth place from the left end, respectively. If they interchange their places, Rita and Monika occupy seventeenth place from the right and eighteenth place from the left, respectively. How many girls are there in a row ?
   a) 25   b) 27   c) 26   d) Data inadequate   e) None of these

2. Reshma and Praveena are ranked ninth and thirteenth from the top in a class of 57 students .What will be their respective ranks from the bottom of the class?
   a) 48, 44   b) 49, 45   c) 45, 49   d) 47, 43   e) None of these

3. In a row of boys, If A who is 10th from the left and B who is 9th from the right interchange their positions, A becomes 15th from the left. How many boys are there in the row ?
   a) 23   b) 31   c) 27   d) 28   e) None of these

4. Amit is 24th from the left end and 6th from the right of Sumit. Anuj is 33th from the right end. Sumit is between Amit and Anuj. What is Anuj's position from the left end?
   a) 11   b) 10   c) 12   d) 13   e) None

5. Read the following information to answer the below questions.
   A) Seven friends A, B, C, D, E, F and G take a series of tests.
   B) No two friends get similar marks.
   C) always scores more than A.
   D) A always scores more than B.
   E) Each time either C scores the highest and E gets the least, or alternatively
      D scores the highest and F or B scores the least.
   .   If G is ranked fifth, which of the following must be truth?
   a) D scores the highest.   b) C is ranked second   c) E is ranked third
   d). B is ranked fourth   e) None of these

6. If (i) M is brother of N (ii) B is brother of N, and (iii) M is brother of D, then which of the following statements is definitely true?

a) N is brother of B   b) N is brother of D   c) M is brother of B

d) D is brother of M   e) None of these

7. A is the daughter of B. C, B's brother has a daughter D and a Son E. F is the paternal uncle of D. How is B related to E?

a) Paternal uncle   b) uncle   c) brother

d) Cannot be determined   e) None of these

8. Read the following information carefully to answer these questions:

(i). " A $ B" means 'A is father of B'.

(ii). "A # B" means 'A is mother of B'.

(iii). "A @ B" means 'A is wife of B'.

(iv). "A % B" means 'A is son of B'.

P @ Q $ M # T indicates what relationship of P with T?

a) Paternal grand mother   b) Maternal grand mother

d) Son   d) Grand father   e) None of these

9. Pointing to a man in photograph, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to the man in the photograph ?

a) Cousin   b) Sister   c) Daughter

d) Wife   e) None of these

10. If 'A $ B' means 'A is brother of B', 'A @ B'means 'A is wife of B', 'A # B' means 'A is daughter of B' and 'A & B'means 'A is father of B', then which of the following expressions indicates the relationship 'K' is father-in-law of H'?

a) H @ J $ L # K & P   b) H @ P $ J & L # K   c) H @ J $ P & L # K

d) H @ J $ L # P & K   e) None of these

Directions (Q. 11-12): Read the following information carefully and answer the questions given below:

Input : pour ask 57 dear 39 fight 17 28

Step I : ask pour 57 dear 39 fight 17 28

Step II : ask 57 pour dear 39 fight 17 28

Step III: ask 57 dear pour 39 fight 17 28

Step IV: ask 57 dear 39 pour fight 17 28
Step V : ask 57 dear 39 fight pour 17 28
Step VI: ask 57 dear 39 fight 28 pour 17

Step VI: is the last output. As per the rule followed in the above steps. find out the answer to each of the following questions:

11.　If step II of an input is "cut 97 38 end for 29 46 down", which of the following will be the last step?
　　a) V　　　　b) IV　　　c) VI　　　d) VII　　　e) None of these

12.　If the IVth step of an input is "ago 85 elite 79 exile fat 26 41", which of the following will definitely be the II step of the input?
　　a) ago 85 79 elite fat 41 26 exile　　　b) ago 85 exile elite 41 26 fat 79
　　c) ago 85 26 exile 41 elite 79 fat　　　d) Cannot be determined
　　e) None of these

Directions (Q.13-15): Study the following information carefully to answer the questions given below. In a toy exhibition, a machine processes a given input by the following rule. Participants are shown one by one till it reaches its last step.

Following is an illustration of the working of this machine.

Input : sui me ato fe zen u no
Step I : fe sui me no ato zen u
Step II : no fe sui u me ato zen
Step III: u no fe zen sui me ato
Step IV: zen u no ato fe sui me
Step V : ato zen u me no fe sui
and so on.

13.　Which of the following steps would read as 'not you only say wise yet are' for the input 'say not you are only wise yet'?
　　a) III　　　b) V　　　c) VI　　　d) VII　　　e) None of these

14.　If the Step V of an input is 'so cd rom lay is nor it', which of the following would be its Step II ?
　　a) is nor it rom lay so cd　　　b) nor it lay is so cd rom
　　c) lay so cd it rom is nor　　　d) Data inadequate
　　e) None of these

15. If the Step III of an input is 'lo men chi from yet as know', which of the following would be its input?
a) Data inadequate   b) from lo men know chi yet as
c) men chi yet lo as know from   d) chi as know men know from lo
e) None of these

16. If in a certain code, LUTE is written as MUTE and FATE is written as GATE, the how will BLUE be written in that code ?
a) ACLUE   b) GLUE   c) PLUE   d) SLUE   e) None of these

17. If FISH is written as EHRG in a certain code, how would JUNGLE be written in that code?
a) ITMFKD   b) ITNFKD   c) KVOHMF   d) TIMFKD   e) None of these

18. How many such pairs of letters are there in the Word DREAMLAND each of which has as many letters between them in the word as in the alphabet?
a) None   b) One   c) Two   d) Three   e) More than three

19. The positions of the first and the fifth digits of the number 38271965 are interchanged. Similarly the positions of the second and the sixth digits are interchanged and so on. Which of the following will be the third digit from the right after the rearrangement?
a) 2   b) 9   c) 8   d) 6   e) None of these

20. In a certain code Language
134 means good and tasty
478 means see good picture
729 means picture are faint
Which number has been used here for faint?
a) 9   b) 2   c) data are inadequate   d) 7   e) None of these

21. All the alphabets of the word BOARDING are arranged in alphabetical order from left to right. Then, if each vowel is changed to the next letter in the english alphabet and each consonant is changed to the previous letter in the English alphabet. Which of the following will be the third from the left?
a) M   b) C   c) F   d) B   e) Q

22. If in the English alphabet, all the letters at odd-numbered positions are written in serial order from left to right followed by the letters at even-numbered positions written in reverse order, which letter will be sixth to the left of seventeenth letter from left?
a) D   b) B   c) V   d) U   e) None of these

23. How many pairs of letters are there in the word 'NURSING" which have as many letters between them as in the alphabet?
a) One   b) Three   c) Five   d) Six   e) None of these

24. How many pairs of letters are there in the word SPONTANEOUS which have number of letters between them in the word one less than the number of letters between them in English alphabet?
a) Five   b) One   c) Four   d) Two   e) Three

25. If each of the vowels i.e. A, E, I, O & U along with the 3rd letter to it right in the alphabet are taken out and arranged one after the other in the same order followed by the remaining letters of the alphabet, which of the following will be 5th to the left of the 19th letter from the left in the new arrangement?
a) G   b) H   c) J   d) W   e) None of these

26. Anil wants to go the university. He starts from his house which is in the East and comes to a crossing. The road to his left ends in a theatre, straight ahead is the hospital. In which direction is the University?
a) East   b) North   c) South   d) West   e) None of these

27. I am facing South.I turn right and walk 20 m .Then I turn right again and walk 10 m .Then I turn left and walk 10 m and then turning right walk 20 m.Then,I turn right again and walks 60 m.In which direction am I from the starting point?
a) North-East   b) North-West   c) North
d) West   e) None of these

28. Nishitha walks 14 m towards west,then turns to her right and walks 14 m and then turns to her left and walks 10 m.Again turning to her left she walks 14 m .What is the shortest distance between her starting point and the present position?
a) 14   b) 24   c) 34
d) 44   e) None of these

29. A man is facing west. He turns 45 degree in the clockwise direction and then another 180 degree in the same direction and then 270 degree in the anticlockwise direction. Find which direction he is facing now ?
a) South-West   b) West   c) South
d) East-South   e) None of these

30. A dog runs 20 metre towards East and turns Right, runs 10 metre and turns to right, runs 9 metre and again turns to left, runs 5 metre and then turns to left, runs 12 metre and finally turns to left and runs 6 metre. Now which direction dog is facing ?
a) East   b) North   c) West   d) South   e) None of these

Reasoning Answer Key

1.c	2.b	3.a	4.c	5.a	6.c	7.d	8.b	9.b	10.a
11.a	12.d	13.c	14.a	15.e	16.a	17.a	18.e	19.c	20.c
21.b	22.d	23.b	24.a	25.a	26.b	27.a	28.b	29.a	30.b