JAGRAN Josh
your guide to success

Union Bank of India Clerk Exam Reasoning
Solved Question Paper 2011

1. Among A, B, D and F, each having different weight, A is lighter than B and B is lighter than only D. F is not as heavy as A. Who amongst them is the lightest ?
   (A) D
   (B) F
   (C) A
   (D) Cannot be determined
   (E) None of these

2. '2' is subtracted from each even digit and '2' is added to each odd digit in the number 6385471. Which of the following will be the difference between the fourth digit from the left and the fifth digit from the right of the new number thus formed ?
   (A) 5   (B) 4
   (C) 3   (D) 2
   (E) 1

3. Rahul started from point A and walked 4 m towards the West. He then took a left turn, walked 12 m and stopped at point B. At the point B he took turn in a certain direction and after walking, he reached a point from where the starting point i.e., point A was exactly 12 m towards the North. Towards which direction did Rahul turn at point B.
   (A) West   (B) South - West
   (C) East   (D) North
   (E) Cannot be determined

4. Prerna correctly remembers that last year the exams were held before June but after February. Simran correctly remembers that last year the exams were before September but after April. In which month of the year were the exams definitely held ?
   (A) October   (B) January
   (C) July   (D) May
   (E) March

5. In a certain code 'SHINE' is coded as 'FOJIT' and 'AFTER' is coded as 'SFUGB'. How will 'PRICE' be coded in the same code ?
   (A) QSJDF   (B) FDSJQ
   (C) FDJSQ   (D) FSJDQ
   (E) QSDJF

6. Which of the following will come in place of the question mark ?
   CBD GFH KJL ? SRT
   (A) ONP   (B) POQ
   (C) NOP   (D) WVX
   (E) QOP

7. The positions of how many alphabets will remain the same if each of the alphabets in the word KINDLE is rearranged in the alphabetical order from left to right ?
   (A) None   (B) One
   (C) Two   (D) Three
   (E) More than three

8. 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 that group ?
   (A) Zinc   (B) Iron
   (C) Copper   (D) Aluminium
   (E) Oxygen

9. If each vowel of the word CROWING is changed to the next letter in the English alphabetical series and each consonant is changed to the previous letter in the English alphabetical series and then the alphabets thus formed are arranged in alphabetical order from left to right, which of the following will be third from the right ?
   (A) J   (B) P
   (C) M   (D) Q
   (E) F

10. How many meaningful English words can be formed with the letters ONW using each letter only once in each word ?
    (A) None   (B) One
    (C) Two   (D) Three
    (E) More than three

Directions—(Q. 11–15) In each question below are three statements followed by two conclusions numbered I and II. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the three statements disregarding commonly known facts.

Give Answers
   (A) If only conclusion I follows.
   (B) If only conclusion II follows.
   (C) If either conclusion I or conclusion II follows.
   (D) If neither conclusion I nor conclusion II follows.
   (E) If both conclusion I and conclusion II follow.

11. Statements :
    All actors are producers.
    Some producers are directors.
    Some singers are producers.
    Conclusions :
    I. Some actors are singers.
    II. Some singers are directors.

12. Statements :
    All movies are dramas.
    All plays are dramas.
    All dramas are films.
    Conclusions :
    I. All movies are films.
    II. Some plays are not films.

13. Statements :
    Some grains are cereals.
    Some cereals are rice.
    Some rice are wheat.
    Conclusions :
    I. Some grains are wheat.
    II. Some wheat are cereals.

14. Statements :
    All paints are colours.
    All inks are paints.
    No colour is a varnish.
    Conclusions :
    I. No varnish is paint.
    II. All inks are colours.

15. Statements :
Some kites are planes.
All planes are birds.
All birds are balloons.
Conclusions :
I.   All birds are kites.
II. All planes are balloons.

Directions—(Q. 16–20) Following questions are based on the five three digit numbers given below—

753   481   647   374   298

16. If all the numbers are arranged in ascending order from left to right, which of the following will be the sum of all the three digits of the number which is exactly in the middle of the new arrangement ?
(A) 17   (B) 15
(C) 14   (D) 13
(E) 19

17. If the positions of the second and the third digits of each of the numbers are interchanged, how many even numbers will be formed ?
(A) None   (B) One
(C) Two   (D) Three
(E) Four

18. If all the digits in each of the numbers are arranged in descending order within the number, which of the following will form the lowest number in the new arrangement of numbers ?
(A) 753   (B) 481
(C) 647   (D) 298
(E) 374

19. What will be the resultant if third digit of the lowest number is multiplied with the second digit of the highest number ?
(A) 27   (B) 40
(C) 20   (D) 45
(E) 24

20. If two is added to the first digit of each of the numbers, how many numbers thus formed will be divisible by three ?
(A) None   (B) One
(C) Two   (D) Three
(E) Four

Directions—(Q. 21–25) Study the following information carefully and answer the given questions.

A, B, C, D, E and F are sitting in a straight line (not necessarily in the same order) facing North.

(a) D sits at the extreme left hand corner of the line.
(b) Only three persons sit between D and B.
(c) B sits second to right of F.
(d) A is not an immediate neighbour of B.
(e) E does not sit at the extreme end of the line.

21. Who sits at the extreme right hand corner of the line ?
(A) A   (B) C
(C) D   (D) F
(E) None of these

22. How many persons sit between A and B ?
(A) None   (B) One
(C) Two   (D) Three
(E) Four

23. What is the position of F with respect to D ?
(A) Third to the left
(B) Second to the left
(C) Immediately to the right
(D) Third to the right
(E) Second to the right

24. Four of the following five are alike in a certain way based on their seating positions in the above arrangement and so form a group. Which is the one that **does not** belong to that group ?
(A) FB   (B) EC
(C) AE   (D) AD
(E) DF

25. If all the persons are made to sit in alphabetical order from **right to left**, the positions of how many will remain unchanged as compared to the original seating positions ?
(A) None   (B) One
(C) Two   (D) Three
(E) Four

Directions—(Q. 26–30) Study the following arrangement carefully and answer the questions given below—

B A E D A D E B C A C U A B D U A
D B E B A B C **U D E B** C D C

26. How many such pairs of alphabets are there in the series of alphabets given in **bold** in the above arrangement each of which has as many letters between them (in both forward and backward directions) as they have between them in the English alphabetical series ?
(A) None   (B) One
(C) Two   (D) Three
(E) More than three

27. How may such consonants are there in the above arrangement each of which is immediately preceded by a vowel and also immediately followed by a vowel ?
(A) None   (B) Three
(C) Four   (D) Five
(E) More than five

28. Which of the following is the fifth to the left of the seventeenth from the left end of the above arrangement ?
(A) E   (B) U
(C) B   (D) C
(E) A

29. How many meaningful words can be formed with the alphabets which are second, fourth, and seventh from the right end of the above arrangement ?
(A) None   (B) One
(C) Two   (D) Three
(E) More than three

30. If all the As are dropped from the above arrangement, which of the following will be tenth from the left end of the above arrangement ?
(A) D   (B) U
(C) B   (D) E
(E) None of these

Directions—(Q. 31–35) Read the information/statement given in each question carefully and answer the questions.

31. Which of the following expressions will be true if the expression 'J ≥ H = I > K' is definitely true ?
(A) J ≥ K   (B) K < H
(C) I ≥ J   (D) K = J
(E) None is true

32. In which of the following expressions does the expression 'L < P' **does not** hold true ?
(A) P > N ≥ M = L
(B) L = N ≤ M < P
(C) P < N ≤ M ≤ L
(D) L < M = N ≤ P
(E) L < M < N < P

33. Which of the following expressions **will not** be true if the expression 'A ≥ B = C > D' is definitely true ?

(A) A ≥ D   (B) C ≤ A
(C) D < A   (D) B > D
(E) All are true

34. In which of the following expressions will the expression 'F ≤ R' be definitely true ?

(A) F < Q ≤ G < R
(B) R ≥ Q < G ≥ F
(C) R ≥ G = Q ≥ F
(D) F = Q ≤ G < R
(E) None of these

35. Which of the following expressions will be true if the expression 'W ≤ V < T ≥ S' is definitely true ?

(A) W ≤ S   (B) T < W
(C) V > S   (D) W ≤ T
(E) None is true

Directions—(Q. 36–40) In each question below is given a group of number/symbol followed by five combinations of letter codes numbered (A), (B), (C), (D) and (E). You have to find out which of the combinations correctly represents the group of number/symbol based on the following coding system and the conditions and mark the number of that combination as your answer.

Number/Symbol :

  % 6 # 5 @ 7 3 ★ β 8 $ 2 © 9 4

Letter Code :

  F D H U T K A C W R M E Q B P

Conditions :

(i) If both the third and the fourth elements are odd numbers, both these are to be coded as the code for the higher odd number.

(ii) If the first element is a symbol and the last an even number, the codes for both these are to be interchanged.

(iii) If both the second and the fifth elements are symbols, the second element is to be coded as '='.

36. @958%6

(A) BDUFRT   (B) TBURFD
(C) DBURFD   (D) DBFURT
(E) DBURFT

37. 5★84#@

(A) UCRPHT
(B) U=RPHT
(C) T=RPHU
(D) U=RHPT
(E) UCRPCT

38. 8©529$

(A) RQEUBM (B) MQUBER
(C) RQUBER (D) RQBEUM
(E) RQUEBM

39. #497β5

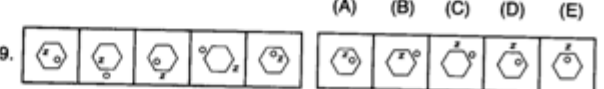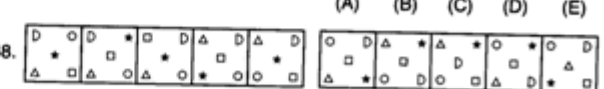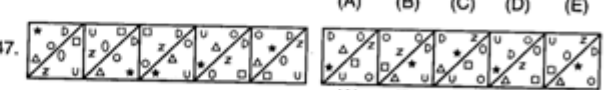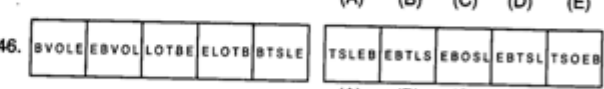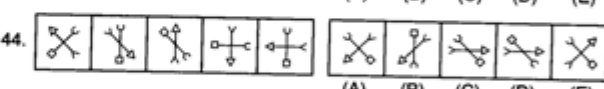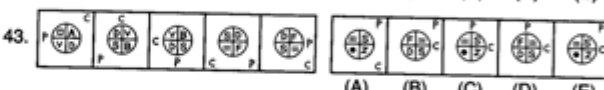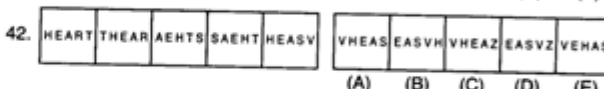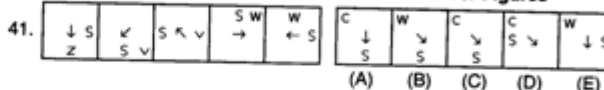(A) HPBBWU
(B) HPKKWU
(C) HPBBUW
(D) HPBKWU
(E) HPKBWU

40. ★47%28

(A) RPEKFC (B) CPKFER
(C) RPKFEC (D) RPKEFC
(E) RPKFER

Directions—(Q. 41–50) In each of the questions given below which one of the five answer figures on the right should come after problem figures on the left, if the sequence were continued ?

Problem Figures   Answer Figures
(A) (B) (C) (D) (E)
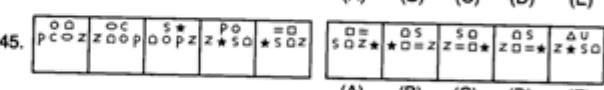
Answer: Reasoning

1	B	26	E
2	E	27	D
3	C	28	B
4	D	29	C
5	C	30	C
6	A	31	B
7	B	32	C
8	E	33	A
9	B	34	C
10	D	35	E
11	D	36	E
12	A	37	B
13	D	38	E
14	E	39	A
15	B	40	C
16	D	41	C
17	C	42	A
18	E	43	E
19	B	44	C
20	C	45	D
21	B	46	D
22	C	47	E
23	E	48	B
24	D	49	B
25	B	50	A