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UCO BANK CLERK EXAM REASONING
SOLVED QUESTION PAPER 2011-
SECOND SHIFT

1. In a certain language 'row a boat' is coded as '947', 'boat in water' is coded as '415' and 'boat sunk in water' is coded as '1654'. How is 'sunk' coded in the same code language ?

- (A) 5 (B) 9
(C) 7 (D) 6
(E) 1

2. How many such pairs of letters are there in the word TORNADO each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical order ?

- (A) None (B) One
(C) Two (D) Three
(E) More than three

3. 'Lyrics' is related to 'Song' in the same way as 'Rhyme' is related to

- (A) Poetry (B) Episode
(C) Chapter (D) Story
(E) Passage

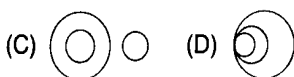
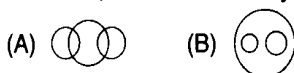
4. Four of the following five are alike in a certain way and so form a group, which is the one that **does not** belong to that group ?

- (A) Beetroot (B) Carrot
(C) Tomatoes (D) Potatoes
(E) Radish

5. How many meaningful English words can be formed with the letters BTU using each letter only once in each word ?

- (A) None (B) One
(C) Two (D) Three
(E) More than three

6. Which of the following figures represents the relation between 'vehicles', 'car' and 'motorcycle' ?



- (E) None of these

Directions—(Q. 7–8) Read the following information carefully and answer the questions which follow—

If 'P × Q' means 'P is the mother of Q'.

If 'P + Q' means 'P is the father of Q'.

If 'P % Q' means 'P is the brother of Q'.

If 'P – Q' means 'P is the sister of Q'.

7. In the equation 'A + M % Q × T', how is A related to T ?

- (A) Brother
(B) Uncle
(C) Maternal grandfather
(D) Paternal grandfather
(E) Cannot be determined

8. Which of the following means 'J is the aunt of S' ?

- (A) J – L + P % S
(B) J + D – F × S
(C) S – R % J × K
(D) J – P + Q × S
(E) None of these

9. A building of fifteen floors has been recently constructed in which A, B, C, and D are staying as tenants. B lives on the tenth floor. D lives immediately above B but two floors below C. A lives above B but below C. On which of the following floors does A live on ?

- (A) 11th
(B) 12th
(C) 14th
(D) Either 12th or 13th
(E) Cannot be determined

10. In a certain code 'PRIDE' is coded as 'FEJSQ' and 'FINAL' is coded as 'MBOJG'. How will 'SPACE' be coded in the same code ?

- (A) FBDQT (B) FDQTB
(C) FQDBT (D) FDQBT
(E) FDBQT

Directions—(Q. 11–15) In each question / set of questions below are statements followed by two conclusions numbered I and II. You have to take the 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 statements disregarding commonly known facts. Give answer—

- (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 conclusions I and II follow.

11. **Statements :**

All crystal are diamonds.
Some diamonds are stones.
All stones are expensive.

Conclusions :

- I. Some stones are crystal.
II. All diamonds are expensive.

12. **Statements :**

All flowers are fruits.
All fruits are vegetables.
All vegetables are green.

Conclusions :

- I. Some vegetables are not green.
II. All flowers and fruits are vegetables.

Directions—(Q. 13–14)

Statements :

No TV is a radio.
All radios are instruments.
Some instruments are machines.

13. **Conclusions :**

- I. Some radio's are TV's.
II. No radio is a machine.

14. **Conclusions :**

- I. At least some instruments are radios.
II. At least some instruments are TV's.

15. **Statements :**

- All books are stories.
 Some stories are facts.
 All facts are fiction.
 Some fiction are movies.

Conclusions :

- I. Some books are movies.
 II. Some stories are fiction.

Directions—(Q. 16–20) The following questions are based on the five words given below—

NEST, TRAM, COME, GIFT, LONG

(The new words formed after performing the mentioned operations may or may not necessarily be meaningful English words.)

16. How many such pairs of letters are there in the word highlighted in **bold**, each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical order ?
 (A) One (B) Two
 (C) Three (D) Two
 (E) None
17. If the first alphabet of each of the words is changed to the next alphabet in the English alphabetical series, how many meaningful English words will be formed ?
 (A) None (B) One
 (C) Two (D) Three
 (E) Four
18. If in each of the given words, each consonant is changed to the next letter in the English alphabetical series, in how many words thus formed have the consonants changed to vowels ?
 (A) None (B) One
 (C) Two (D) Three
 (E) Four
19. If the given words are arranged in the order as they would appear in the dictionary from left to right, which of the following would be fourth from the left ?
 (A) COME (B) GIFT
 (C) LONG (D) NEST
 (E) TRAM
20. If in each of the given words, the first and the third alphabets are changed to the next letter in the English alphabetical series, while the third and the fourth alphabets remain unchanged, in how many words thus formed will the letters of the alphabet appear twice ?
 (A) One (B) Two
 (C) Three (D) Four
 (E) Five
- Directions—**(Q. 21–25) Study the following information carefully and answer the given questions—
 P, Q, R, S, T, U, V and W are sitting equidistant from each other around a circular table facing the centre.
- (a) P sits second to the left of U, and P is fourth to the right of V.
 (b) Q is not an immediate neighbour of either U or V.
 (c) Only one person sits between Q and V, and that person sits opposite S.
 (d) W is not an immediate neighbour of Q. T sits to the immediate left of P.
21. Who sits third to the left of Q ?
 (A) W (B) U
 (C) V (D) S
 (E) P
22. How many people sit between T and U when counted in clockwise direction from U ?
 (A) One (B) Two
 (C) Three (D) Four
 (E) Five
23. 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) SW (B) VQ
 (C) RT (D) PU
 (E) WV
24. If S : R then W : ?
 (A) P (B) V
 (C) S (D) T
 (E) R
25. What is the position of W with respect to R ?
 (A) Second to the right
 (B) Third to the left
 (C) Second to the left
 (D) Third to the right
 (E) Fourth to the right
- Directions—**(Q. 26–30) Study the following arrangement of digits and symbols carefully and answer the questions given below—
3 5 2 4 7 9 # 5 8 ¥ 6 2 1 \$ 9 8 3 7 2 @ 8 6 5 4 3 7 π 6 3 2 β 5 4 3 2 1
26. How many pairs of digits are there in the number highlighted in **bold** in the above arrangement each of which has as many digits between them (in both forward and backward directions) as they have between them in the English numerical series ?
 (A) One (B) Two
 (C) Three (D) Four
 (E) Five
27. How many symbols are there in the above arrangement, each of which is immediately preceded by an even number in the above arrangement ?
 (A) One (B) Two
 (C) Three (D) Four
 (E) Five
28. Which of the following is eighth to the right of the sixteenth from the left end of the above arrangement ?
 (A) 5 (B) 4
 (C) ¥ (D) \$
 (E) 3
29. How many 3's are there in the above arrangement, each of which is immediately followed and preceded by an even number in the arrangement ?
 (A) None (B) One
 (C) Two (D) Three
 (E) Four
30. If all the digits that are perfect squares are dropped from the above arrangement, which of the following will be the eighteenth (digit/symbol) from the right end of the above arrangement ?
 (1 is also a perfect square.)
 (A) \$ (B) 6
 (C) # (D) 7
 (E) 8
- Directions—**(Q. 31–35) Study the following information carefully and answer the given questions—
 Seven cars of different colours namely Red, Indigo, Green, Violet, Orange, Yellow and Blue are parked in a straight line facing North (not necessarily in the same order).
- (a) The Yellow car is parked fourth to the right of the Violet car.
 (b) There is no car parked to the left of the Violet car.
 (c) There is only one car parked between the Blue and the Yellow car and the Blue car is not parked at either extremes of the line.

- (d) The Red car is parked to the immediate right of the Orange car and the Indigo car is not parked next to the Yellow car.
31. How many cars are parked between the Indigo and the Orange car ?
 (A) None (B) One
 (C) Two (D) Three
 (E) Four
32. Four of the following five are alike based on their parking positions in the above arrangement and so form a group. Which is the one that **does not** belong to the group ?
 (A) Violet, Green
 (B) Blue, Yellow
 (C) Yellow, Red
 (D) Indigo, Green
 (E) Green, Orange

- (ii) If the group of numbers contains only one symbol, that symbol is to be coded as the code for the element following it.
- (iii) If the third element is an even number and the fourth an odd number, the fourth element is to be coded as the code for the second element.
36. 523Ω69
 (A) JPTDDC (B) JTPDDC
 (C) JPDDTC (D) TPJDDC
 (E) JTDDPC
37. 2β785\$
 (A) PBALJV
 (B) PLBAJV

- (C) PALBJV
 (D) PJLBAV
 (E) PLABJV
38. 436π8@
 (A) FTDEBS (B) BTDEFS
 (C) FDTEBS (D) BTEDFS
 (E) BTDFES
39. Ω1690\$
 (A) KRDMRV (B) KDRRMV
 (C) KDRMRV (D) KDMRRV
 (E) KRDRMV
40. 80π16β
 (A) DEMRBA (B) DMERBA
 (C) BMERDA (D) BMDERA
 (E) DREMB A

Directions—(Q. 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 ?

33. Which of the following car is parked exactly in the middle of the line ?
 (A) Green (B) Indigo
 (C) Yellow (D) Blue
 (E) Orange
34. Which of the following car is parked at the extreme right end of the line ?
 (A) Violet (B) Indigo
 (C) Orange (D) Yellow
 (E) Red
35. What is the position of the Indigo car with respect to the Orange car ?
 (A) Fourth to the left
 (B) Fourth to the right
 (C) Third to the left
 (D) Second to the right
 (E) Fifth to the left

Directions—(Q. 36–40) In each question below is given a 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 number/symbol based on the following coding system and the conditions and mark the number of that combination as your answer.

Number/Symbol :

5 Ω 2 β 6 9 8 1 @ 7 \$ 4 3 0 π

Letter Code :

J K P A D C B R S L V F T M E

Conditions :

- (i) If both the first and the fifth elements are even numbers, the codes for both these are to be interchanged.

	Problem Figures	Answer Figures
41.		
42.		
43.		
44.		
45.		
46.		
47.		
48.		
49.		
50.		

Answers: Reasoning

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