Difference between highest number and ...

Y. Arunveera Kumar

Subject Expert

IACE

MODEL QUESTIONS

Directions (Q.No.1- 4): Study the following information carefully and answer the given questions:

In a certain code language:

'Many in serial order' is written as '23 54 73 15'.

'Order in the state' is written as '18 23 21 54'.

'The logical idea Many' is written as '21 73 89 25'.

'In idea or theory' is written as '26 25 13 54',

1. Which of the following is the code of 'theory'?
   - a) 26   b) 13   c) 25
   - d) 54   e) Either '26' or '13'

2. The code '18 89 15 23' may represent
   - a) Serial order theory Many
   - b) Only idea state order
   - c) State logical serial order
   - d) Serial theory state the
   - e) Only the idea logical

3. Which of the following may represent 'logical idea is many order'?
   - a) 25 73 89 55 23
   - b) 23 73 89 25 54
   - c) 89 23 73 26 13
   - d) 13 15 54 25 23
   - e) 73 23 21 18 54

4. Which of the following is the code of 'logical'?
   - a) 21   b) 25   c) 73
   - d) 89   e) None of these

Directions (Q.No.5 - 7): Each of the following questions assuming the given statements to be true, find which of the three conclusions I, II

and III given below them is/are definitely true and give your answer accordingly.

5. **Statement:** D ≥ K, K > T, T ≤ M, M = J
   Conclusion:
   I. J > T   II. J = T
   III. D > T
   - a) Only I is true
   - b) Only II is true
   - c) Only either I or II is true
   - d) Only IV is true
   - e) Only either I or II and III are true

6. **Statement:** R > N, N < D, D ≤ J, J ≥ B
   Conclusion:
   I. R > J   II. J > N
   III. B > D
   - a) None of true
   - b) Only I is true   c) Only II is true
   - d) Only III is true
   - e) Only I and III are true

7. **Statement:** W < B, B = V, V ≤ R, R > K
   Conclusion:
   I. K < B   II. R ≥ B
   III. V > W
   - a) Only I and II are true
   - b) Only I and III are true
   - c) Only II and III are true
   - d) I, II and III are true
   - e) None of these

Directions (Q.No.8 - 9): In each of the questions below are given some statements followed by some 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. Read all the Conclusions and then decide which of the given Conclusions logically follows from the given statements.

Give answer as:
   - a) Only I & II follows
   - b) Only II & III follows
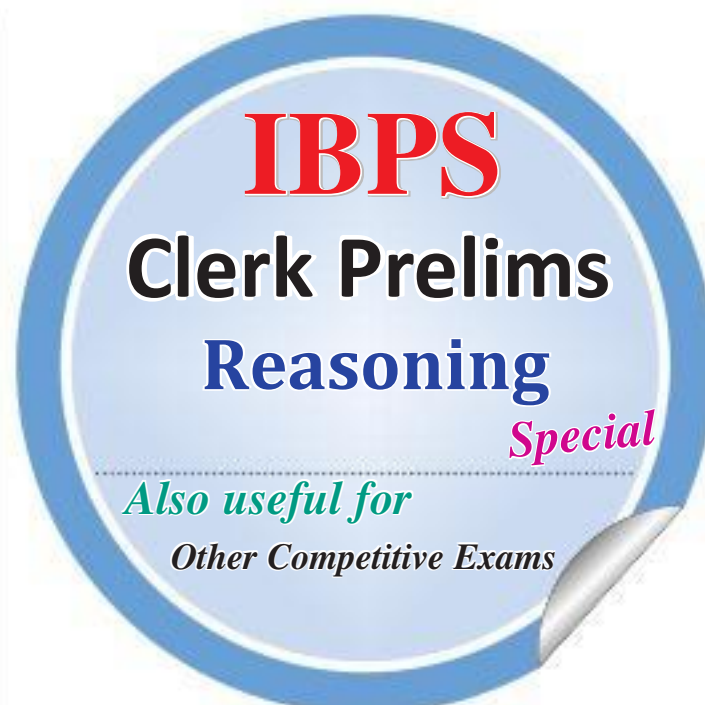
   - c) Only I and III follow
   - d) All follows
   - e) None of these.

8. **Statements:**
   Only a few H are X
   no X is F
   All F is U
   Conclusions:
   I. All F can be X
   II. All H being F is a possibility
   III No U is H

9. **Statements:**
   All L are N
   Only a few N are I
   Generally I are S
   Conclusions:
   I. Some S are I
   II. All L can be I
   III. Some S are definitely not L

Directions (Q.No.10-14): Study the following numbers and answer the following questions:

683   567   376   872   468

10. If first and last digits of the above numbers are interchanged, then which among the following is the highest number?
    - a) 567   b) 683   c) 376
    - d) 468   e) None of these

11. Which of the following will be the second digit of the 4th number from top when they are arranged in descending order,- after the first digit is changed

with the higher digit in the number?
    - a) 7   b) 5   c) 8
    - d) 3   e) None of these

12. What is difference between the first digit of highest number and lowest number after the positions of first two digits in each number is interchanged?
    - a) 3   b) 2   c) 5
    - d) 6   e) None of these

13. Which of the following will be last digit of second lowest number after the positions of digit is reversed in each number?
    - a) 4   b) 2   c) 3
    - d) 6   e) None of these

14. Which of the following is the difference between highest number and the lowest number?
    - a) 496   b) 469   c) 459
    - d) 446   e) None of these

Directions (Q.No.15- 19): Study the following information carefully to answer the given questions.

In a certain code language,

'Lion Class Good' is written as 'de jo yo',

'Class Book Lion' is written as 'jo pa de'

'Good Building Earth Food Lion' is written as 'ti jo yo mi je',

'Good Earth In Lion' is written as 'jo ti yo su'.

15. Which of the following is the code for 'Food'?
    - a) je   b) ti   c) mi
    - d) Can't be determined
    - e) None of these

16. What does 'su' stand for?
    - a) Good   b) Earth   c) Food
    - d) In   e) None of these

17. Which of the following is the code for 'Lion in Good'?
    - a) su jo ti   b) su yo jo
    - c) ti yo jo   d) yo mi su
    - e) None of these

18. Which of the following may be

the possible code for 'Good Should Earth '?
    - a) ti yo ye   b) ti su yo
    - c) jo ti mi   d) ti pa jo
    - e) None of these

19. Which of the following is a code for 'Book'?
    - a) jo   b) Pa   c) mi
    - d) Either 'jo' or 'pa'
    - e) None of these

Directions (Q.No.20-22):In the following question assuming the given statements to be true, find which of the conclusion among given conclusions is/are definitely true and then give your answer accordingly.

20. **Statements:** A > D = B; C≥ B < M; L = N; M> N > O
    Conclusions:
    I. A < C   II. D < M
    III. B > L   IV. A≥ C
    - a) Only II is true
    - b) Only I is true.
    - c) Either I or IV is true.
    - d) Only I and III are true.
    - e) Only IV is true.

21. **Statements:** O< P > M=R; O < L < B; P = R; B < D ≤ N
    Conclusions:
    I. D > M   II. O < D
    III. R > M
    - a) Only I is true.
    - b) Only II and III are true.
    - c) All are true.
    - d) I, III and II are true.
    - e) None is true.

22. **Statement:** R> I ≤ O > L; I < S < R ≤ V; K = O; L > N < M
    Conclusions:
    I. S < M   II. I ≤ K
    III. M > L   IV. V > S
    - a) Only III is true.
    - b) Only IV is true.
    - c) Only II and IV are true.
    - d) None is true.
    - e) Only I is true.

KEY AND SOLUTIONS

(1- 4)

1. e;   2. c;   3. a;   4. d;

Word	Code
Many	73
In	54
Serial	15
Order	23
The	21
State	18
Logical	89
Idea	25
Or	26/13
Theory	26/13

(5-7)

5. e;
   D ≥ K, K > T, T ≤ M, M= J
   I. J > T (J= M ≥ T: FALSE)
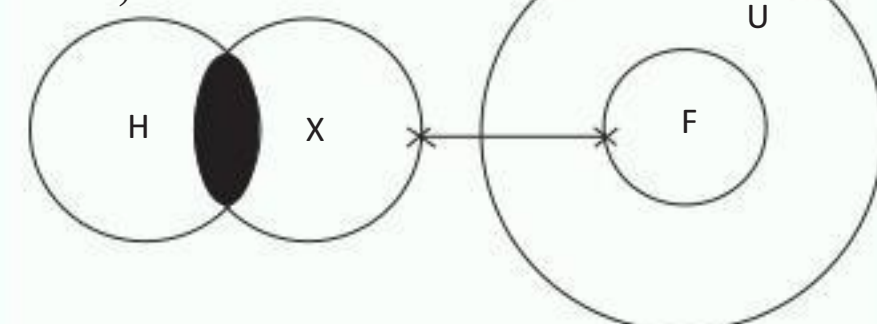   II. J = T (J = M≥T: FALSE) } either I or II
   III. D > T (D ≥ K> T: True)

6. c;
   R > N, N < D, D ≤ J, J ≥ B
   I. R > J (R > N< D ≤ J: False)
   II. J > N (N< D≤ J: True)
   III. B > D (D≤ J ≥ B: False)

7. c;
   W < B, B = V, V ≤ R, R > K
   I. K < B (B = V≤ R>K : False)
   II. R ≥ B (B = V≤ R: True)
   III. V > W (W < B = V: True)

8. e;

9. a;

(10-14)

10. d;

683	567	376	872	468
386	765	673	278	864

11. a;

683	567	376	872	468
883	767	776	872	868
883	872	868	776	767

12. b;

683	567	376	872	468
863	657	736	782	648

13. d;

683	567	376	872	468
386	765	673	278	864

14. a;   872 - 376 = 496

(15-19)

15. d;   16. d;
17. b;   18. a;
19. b;
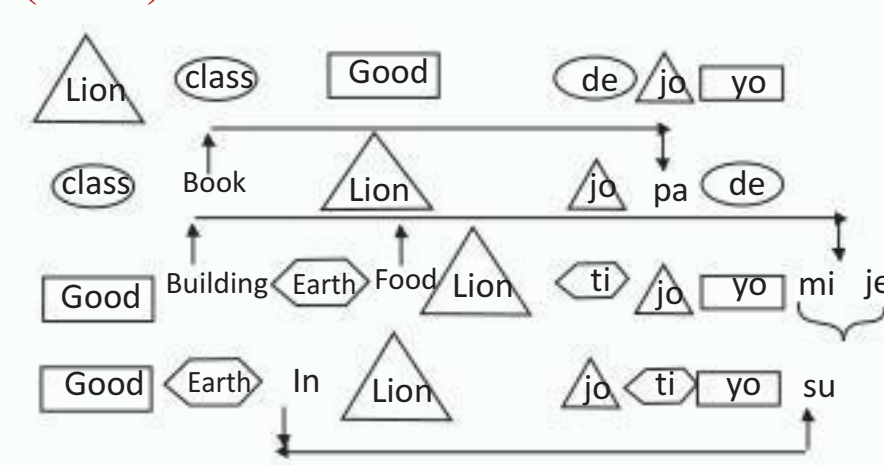
(20-22)

20. a;
   I. A < C (A > D = B ≤ C : FALSE)
   II. D < M (D = B < M : TRUE)
   III. B > L (B < M > N : FALSE)
   IV. A ≥ C (A > D = B ≤ C : FALSE)

21. b;
   O < P > M; O ≤ L < B;
   P = R; B < D ≤ N
   I. D > M (M< P >O ≤ L < B < D: FALSE)
   II. O < D (O ≤ L < B < D: TRUE)
   III. R> M(R= P > M: TRUE)

22. c;
   R> I ≤ O > L; I < S < R ≤ V; K = O; L > N < M
   I. S < M (S > I ≤ O > L > N < M: FALSE)
   II. I ≤ K (I ≤ O = K: TRUE)
   III. M > L (L > N < M: FALSE)
   IV. V > S (S < R ≤ V: TRUE)