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Inequalities Questions for LIC AAO, SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

Inequalities Quiz 19

Directions: Read the following information carefully and answer the questions given beside.

Some friends were discussing about their savings.

M says that his savings are not more than that of W.

W says that his savings are neither less than nor equal to S.

S says that his savings are not less than O, who is not the least saver.

T says that his savings are less than M but not less than P.

P says that his savings are less than M.

1.   Which of the following statements is false?
   I. W's savings are neither less than nor equal to O.

   II. P's savings are less than O.

   III. S's savings are more than O.

A. Only I   B. Only II   C. Only III   D. Only II and III   E. Only I and II

2.   P's savings are less than how many people?

A. One   B. Two   C. Three   D. Four   E. More than four

3.   Which of the following statements is correct?
   I. O's savings are not more than W.

   II. M's savings are not more than W.

   III. P's savings are not more than W.

A. Only I   B. Only II   C. Only III   D. Both I and III   E. All I, II and III

4.   Who among the following is the least saver?

A. R   B. O   C. P   D. S   E. None of these

5.   Who among the following is the highest saver?
A. W   B. S   C. O   D. P   E. None of these

Correct Answers:

1	2	3	4	5
C	E	B	C	A

Common Explanation:

Reference:
M says that his savings are not more than that of W.

P says that his savings are less than M.

Inference:
P < M ≤ W

Reference:
W says that his savings are neither less than nor equal to S.

S says that his savings are not less than O, who is not the least saver.

T says that his savings are less than M but not less than P.

Inference:
The following equation can be drawn from the given hints.

P ≤ T < M ≤ W > S ≥ O

ANSWERS :

1.   From the following explanation it is clear that "S's savings are more than O" is the only statement which is false.

Because S's savings are either more than or equal to O.

Hence option C is correct.

2.   From the following explanation it is clear that P's savings are less than 5 people.

Hence option E is correct.

3.   From the following explanation it is clear that "M's savings are not more than W" is the only statement which is correct.

Not more than signifies '≤ ' and only M and W holds this relationship among the given ones.
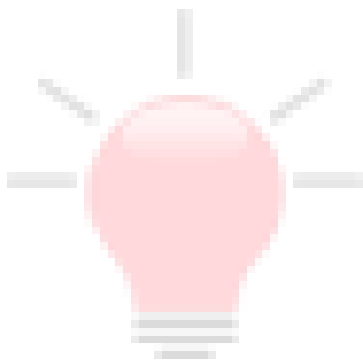
Hence option B is correct.

4. From the following explanation it is clear that 'P' is the least saver.

P is the least saver because O is clearly mentioned as not the least saver and among all the given persons P saves the least.

Hence option C is correct.

5. From the following explanation it is clear that 'W' is the highest saver.

Hence option A is correct.