

Errata in CAT 2008

1. In the booklet 222 question number 47 has two answer choices (1) and (4) are correct.

One day, two other traders. Dane and Emily joined Abdul, Bikram and Chetan for trading in the shares of XYZ Ltd. Dane followed a strategy of buying equal numbers of shares at 10 am, 11 am and 12 noon, and selling the same numbers at 1 pm, 2 pm and 3 pm. Emily, on the other hand, followed the strategy of buying shares using all her money at 10 am and selling all of them at 12 noon and again buying the shares for all the money at 1 pm and again selling all of them at 12 noon and again buying the shares for all the money at 1 pm and again selling all of them at the close of the day at 3 pm. At the close of the day the following was observed.

- i. Abdul lost money in the transactions.
 - ii. Both Dane and Emily made profits.
 - iii. There was an increase in share price during the closing hour compared to the price at 2 pm.
 - iv. Share price at 12 noon was lower than the opening price
46. Share price was at its highest at
(1) 10 am (2) 11 am (3) 12 noon
(4) 1 pm (5) cannot be determined
47. Which of the following is necessarily false?
(1) Share price was at its lowest at 2 pm
(2) Share price was at its lowest at 11 am
(3) Share price at 1 pm was higher than the share price at 2 pm
(4) Share price at 1 pm was higher than the share price at 12 noon
(5) none of the above

For questions 46 and 47:

Let the share price at 10 am, 11 am, 12 noon, 1 pm, 2 pm and 3 pm be a, b, c, d, e & f rupees respectively.

From information (i) we get, $a > f$... (I)

From information (ii) we get
a) Dane made profit i.e. $(a + b + c) < (d + e + f)$... (II)

And, b) Emily made profit i.e. $\frac{d}{c} \times f > a$... (III)

Or, $d \times f > a \times c$... (IV)

From information (iii) we get, $e > f$... (V)

From information (iv) we get, $a > c$... (VI)

On combining in-equations (I) & (III) we get, $c > d$... (VII)

On combining in-equations (I) and (VIII) we get,
 $a + c > d + f$... (VIII)

On combining in-equations (II) and (VIII) we get, $e > b$... (IX)

Hence, we get the sequence as

$(a > f > e > b)$ and $(c > d)$. And also we know that 'a' is greater than both 'c' and 'd', therefore 'a' is the highest among the six mentioned variables.

46. (1) The price at 10 am i.e. 'a' is greater than prices at any other time.

47. (1) and (4)

Since the price at 11 am i.e. 'b' is less than the price at 2 pm (i.e. 'c'), hence statement (1) is necessarily false.

From in-equation (VII) we know that $c > d$. Hence statement (IV) is also necessarily false.

2. In the booklet 222 question number 35 has two options (1) and (5) are printed same.

Directions for Questions 35 to 38: Answer the following questions based on the information given below:

In a sports event, six teams (A, B, C, D, E and F) are competing against each other. Matches are scheduled in two stages. Each team plays three matches in Stage – I and two matches in Stage – II. No team plays against the same team more than once in the event. No ties are permitted in any of the matches. The observations after the completion of Stage – I and Stage – II are as given below.

Stage-I:

- Once team won all the three matches.
- Two teams lost all the matches.
- D lost to A but won against C and F.
- E lost to B but won against C and F.
- B lost at least one match.
- F did not play against the top team of Stage-I.

Stage-II:

- The leader of Stage-I lost the next two matches
- Of the two teams at the bottom after Stage-I, once team won both matches, while the other lost both matches.
- Once more team lost both matches in Stage-II.

35. The two team that defeated the leader of Stage-I are:

(1) F & D (2) E & F (3) B & D (4) E & D (5) F & D

36. The only team(s) that won both matches in Stage-II is (are):

(1) B (2) E & F (3) A, E & F (4) B, E & F (5) B & F

37. The teams that won exactly two matches in the event are:

(1) A, D & F (2) D & E (3) E & F (4) D, E & F (5) D & F

38. The team(s) with the most wins in the event is (are):

(1) A (2) A & C (3) F (4) E (5) B & E

