PAKISTAN STOCK EXCHANGE LIMITED

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Subject: **Price Adjustments while calculating Ex-Dividend, Ex-Bonus, Ex-Right and Ex-Specie Dividend Prices for the entitlement announced by the companies**

The following are the examples of calculating Ex-Prices:

1. **Calculation of Ex-Dividend Price (in case the company announce Dividend only)**

   Closing Price of Last Day   -   Dividend in Rs.   = Ex-Dividend Rate
   for example

Rs. 25.00	(50%) i. e. Rs. 5.00	Rs. 20.00

2. **Calculation of Ex-Bonus Rate (in case the company announce Bonus only)**

   Closing Price of Last Day   * 100 /   (Bonus +100)   = Ex-Bonus Rate
   for example

Rs. 50.00 * 100	/ (25% +100)	Rs. 40.00

3. **Calculation of Ex-Right Rate (in case company announce Right) at par value**

   (Closing Price of Last Day * 100) **+** (Face Value*Right))/(Right +100) = Ex-Right
   for example

Closing Price * 100	+ (Face Value * Right)	/ (Right + 100)	Ex – Right
Rs. 75.00 * 100	**+** (10 *20%)	/ (20%+100)	Rs. 64.17

4. **Calculation of Ex-Right Rate (in case company only announce Right) at Premium Rs.5/-**

   (Closing Price of Last Day * 100) **+** (Face Value + Premium)*Right / (Right+100) = Ex-Right
   for example

Closing Price * 100	+ (Face Value + Premium) * Right)	/ (Right + 100)	Ex- Right
Rs. 75.00 * 100	**+** (10+5) *20	/ (20+100)	Rs. 65.00

5. **Calculation of Ex-Right Rate (in case company only announce Right) at Discount Rs.5**

   (Closing Price of Last Day * 100) **+** ((Face Value - Discount)*Right) / (Right+100) = Ex-Right
   for example

Closing Price * 100	+ (Face Value - Discount) * Right)	/ (Right + 100)	Ex- Right
Rs. 75.00 * 100	**+** (10-5) *20	/ (20+100)	Rs. 63.33

6. **Calculation of Ex-Dividend & Bonus Rate (in case company announce Dividend & Bonus)**

   Closing Price of Last Day - Dividend in Rs. = (Ex-Dividend Rate *100) / (Bonus +100) = Ex-Dividend & Bonus Rate
   for example

Closing Price	- Div. in Rs.	= (Ex-Div. Rate *100)	/ (Bonus + 100)	Ex-Div.& Bonus
Rs. 100.00	5	= (95*100)	/ (50+100)	Rs. 63.33

7. **Calculation of Ex-Dividend & Right Rate (in case company announce Dividend & Right at par)**

   Closing Price of Last Day - Dividend in Rs. = (Ex-Dividend Rate *100) + (Right * Face Value)   /   (Right + 100) = Ex-Dividend & Right Rate
   for example

Closing Price	- Div. in Rs.	= (Ex-Div. Rate *100)	+ (Right * Face Value)	/ (Right + 100)	Ex-Div. & Right
Rs. 120.00	7.5	= (112.50*100)	+ (50*10)	/ (50+100)	Rs. 78.33

8. **Calculation of Ex-Dividend& Ex-Right Rate (in case company announce Dividend & Right at Premium of Rs. 8)**

Closing Price of Last Day - Dividend in Rs. = ((Ex-Dividend Rate *100) + (Right * (Face Value + Premium)) / (Right + 100) = Ex-Dividend & Right Rate

for example

Closing Price	- Div. in Rs.	= (Ex-Div. Rate *100)	+ (Right * (Face Value + Premium))	/ (Right+100)	Ex-Div. & Right
Rs. 120.00	7.5	= (112.50*100)	+ 50*(10+8)	/ (50+100)	Rs. 81.00

9. **Calculation of Ex-Dividend& Ex-Right Rate (in case company announce Dividend & Right at Discount of Rs. 7)**

Closing Price of Last Day - Dividend in Rs. = ((Ex-Dividend Rate *100) + (Right * (Face Value - Discount)) / (Right + 100) = Ex-Dividend & Right Rate

for example

Closing Price	- Div. in Rs.	= (Ex-Div. Rate *100)	+ (Right * (Face Value – Discount))	/ (Right + 100)	Ex-Div. & Right
Rs. 120.00	7.5	= (112.50*100)	+ 50*(10-7)	/ (50+100)	Rs. 76.00

10. **Calculation of Ex-Dividend, Ex-Bonus & Ex-Right Rate (in case company announce Dividend, Bonus & Right at par value)**

Closing Price of Last Day - Dividend in Rs. = (Ex-Dividend Rate *100) + (Right * Face Value) / (Right + Bonus) + 100) = Ex-Dividend, Ex-Bonus & Right Rate

for example

Closing Price	- Div. in Rs.	= (Ex-Div. Rate *100)	+ (Right * (Face Value)	/ (Right + Bonus) + 100))	Ex-Div., Bonus & Right
Rs. 125.00	8.5	= (116.50*100)	+ (50*10)	/ (50+35)+100	Rs. 65.68

11. **Calculation of Ex-Dividend, Ex-Bonus & Ex-Right Rate (in case company announce Dividend, Bonus & Right at premium Rs. 9)**

Closing Price of Last Day - Dividend in Rs. = (Ex-Dividend Rate *100) + (Right * Face Value + Premium) / (Right + Bonus) + 100 = Ex-Dividend, Ex-Bonus & Right Rate

for example

Closing Price	- Div. in Rs.	= (Ex-Div. Rate *100)	+ (Right * (Face Value + Premium))	/ (Right + Bonus) + 100))	Ex-Div,Bonus & Right
Rs. 125.00	8.5	= (116.50*100)	+ 50*(10+9)	/ (50+35)+100	Rs. 68.10

12. **Calculation of Ex-Dividend, Ex-Bonus & Ex-Right Rate (in case company announce Dividend, Bonus & Right at Discount Rs. 6)**

Closing Price of Last Day - Dividend in Rs. = ((Ex-Dividend Rate *100) + (Right * Face Value - Discount) / (Right + Bonus) + 100)) = Ex-Dividend, Ex-Bonus & Right Rate

for example

Closing Price	- Div. in Rs.	= (Ex-Div. Rate *100)	+ (Right * (Face Value - Discount))	/ (Right + Bonus) + 100))	Ex-Div,Bonus & Right
Rs. 125.00	8.5	= (116.50*100)	+ 50*(10-6)	/ (50+35)+100	Rs. 64.05

13. **Calculation of Ex-Bonus & Ex-Right Rate (in case company announce Bonus & Right at par value)**

(Closing Price of Last Day *100) + (Right * Face Value) / (Right + Bonus) + 100 = Ex-Bonus & Right Rate

for example

Closing Price	= (Closing Price *100)	+ (Right * (Face Value)	/ (Right + Bonus) + 100))	Ex- Bonus & Right
Rs. 125.00	= (125.00*100)	+ (55*10)	/ (55+45)+100	Rs. 65.25

14. **Calculation of Ex-Bonus & Ex-Right Rate (in case company announce Bonus & Right at premium Rs. 15)**

(Closing Price of Last Day *100) + (Right * (Face Value + Premium) /   (Right + Bonus) + 100) = Ex-Bonus & Right Rate
for example

Closing Price	= (Closing Price *100)	+ (Right * (Face Value + Premium)	/ (Right + Bonus) + 100))	Ex- Bonus & Right
Rs. 125.00	= (125.00*100)	+ 55*(10+15)	/ (55+45)+100	Rs. 69.37

15. **Calculation of Ex-Bonus & Ex-Right Rate (in case company announce Bonus & Right at Discount Rs. 2) The bonus will also be entitled for right issue**

(Closing Price of Last Day *100) + (Right * (Face Value - Discount) /   (Right + Bonus) + 100 = Ex-Bonus & Right Rate
for example

Closing Price	= (Closing Price *100)	+ (Right * (Face Value – Discount)	/ (Right + Bonus) + 100))	Ex- Bonus & Right
Rs. 125.00	= (125.00*100)	+ 55*(10-2)	/ (55+45)+100	Rs. 64.70

16. **Calculation of Ex-Specie Rate(in case Company issue 25% Specie Dividend in the shape of M/s. Fatima Fertilizer Co. Limited held by Reliance Weaving Mills Ltd**

Closing Price of Fatima Fertilizer Co. Ltd	= (Closing Price*%)	Closing Rate of RWML – Closing Price *%	= Ex-Specie Dividend Rate
Rs. 9.96	= (9.96*25%)	11.20-2.49	=8.71

EXPLANATORY NOTES:

- The ex-dividend, ex-bonus and ex-right prices are calculated on the basis of closing market prices of shares based on closure of share transfer books announced by the companies.

- While calculating the ex-dividend price, the amount of dividend per share is deducted from the closing price to arrive at ex-dividend price.

- In case where the bonus shares and dividend are announced simultaneously, first the ex-dividend price is calculated and thereafter it is divided by the enhanced number of shares i.e., after including the bonus shares to arrive at the ex-dividend and ex-bonus price.

- In case where the right issue in addition to dividend is announced, then in such cases first the dividend amount per share is deducted from the closing price to arrive at ex-dividend price and thereafter, the amount to be paid for the entitlement of right shares is added to the ex-dividend price and then it is divided by the enhanced number of shares i.e., after including right shares to arrive at ex-dividend and ex-right price.

- In the case of Specie Dividend Announcement, the Ex-Price is calculated like cash dividend i.e., after adjustment of the price of the security either on market value in case of listed security and par value for non-listed security.

- The trading in the scrip of the company is open on ex-entitlement basis one day prior to commencement of book closure of share transfer register (BC-1 day) on T+2 Settlement Basis through NCCPL .