



MCB Bank Limited  
&  
Subsidiary Companies

Capital Adequacy & Liquidity Disclosures  
Consolidated  
As at December 31, 2018

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## 1. CAPITAL ASSESSMENT AND ADEQUACY

### 1.1 Scope of Applications

The Basel-III Framework is applicable to the Bank both at the consolidated level (comprising of wholly/partially owned subsidiaries & associates) and on a stand alone basis. Subsidiaries are included while calculating Consolidated Capital Adequacy for the Bank using full consolidation method whereas associates in which the Bank has significant influence on equity method. Standardized Approach is used for calculating the Capital Adequacy for Credit and Market risk, whereas, Basic Indicator Approach (BIA) is used for Operational Risk Capital Adequacy purposes.

### 1.2 Capital Management

#### Objectives and goals of managing capital

The Bank manages its capital to attain following objectives and goals:

- an appropriately capitalized status, as defined by banking regulations;
- acquire strong credit ratings that enable an optimized funding mix and liquidity sources at lesser costs;
- cover all risks underlying business activities;
- retain flexibility to harness future investment opportunities; build and expand even in stressed times.

#### Statutory minimum capital requirement and Capital Adequacy Ratio

The State Bank of Pakistan through its BSD Circular No.07 of 2009 dated April 15, 2009 requires the minimum paid up capital (net of losses) for all locally incorporated banks to be raised to Rs. 10 billion by the year ended on December 31, 2013. The raise was to be achieved in a phased manner requiring Rs.10 billion paid up capital (net of losses) by the end of the financial year 2013. The paid up capital of the Bank for the year ended December 31, 2018 stands at Rs. 11.851 billion and is in compliance with the SBP requirement.

The capital adequacy ratio of the Bank was subject to the Basel III capital adequacy guidelines stipulated by the State Bank of Pakistan through its BPRD Circular No. 06 of 2013 dated August 15, 2013. These instructions are effective from December 31, 2013 in a phased manner with full implementation intended by December 31, 2019. Under Basel III guidelines banks are required to maintain the following ratios on an ongoing basis:

#### Phase-in arrangement and full implementation of the minimum capital requirements:

| Sr. No | Ratio                         | Year End      |               |               |               |                |               | As of Dec 31  |
|--------|-------------------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|
|        |                               | 2013          | 2014          | 2015          | 2016          | 2017           | 2018          | 31-12-2019    |
| 1      | CET1                          | 5.00%         | 5.50%         | 6.00%         | 6.00%         | 6.00%          | 6.00%         | 6.00%         |
| 2      | ADT-1                         | 1.50%         | 1.50%         | 1.50%         | 1.50%         | 1.50%          | 1.50%         | 1.50%         |
| 3      | Tier 1                        | 6.50%         | 7.00%         | 7.50%         | 7.50%         | 7.50%          | 7.50%         | 7.50%         |
| 4      | <b>Total Capital</b>          | <b>10.00%</b> | <b>10.00%</b> | <b>10.00%</b> | <b>10.00%</b> | <b>10.00%</b>  | <b>10.00%</b> | <b>10.00%</b> |
| 5      | *CCB                          | -             | -             | 0.25%         | 0.65%         | 1.275%         | 1.90%         | 2.50%         |
| 6      | <b>Total Capital plus CCB</b> | <b>10.00%</b> | <b>10.00%</b> | <b>10.25%</b> | <b>10.65%</b> | <b>11.275%</b> | <b>11.90%</b> | <b>12.50%</b> |

- \*Capital Conservation Buffer (CCB) Consisting of CET1 only

Bank's regulatory capital is analysed into three tiers.

- Common Equity Tier 1 capital (CET1), which includes fully paid up capital (including the bonus shares), balance in share premium account, general reserves, statutory reserves as per the consolidated financial statements and net unappropriated profits after all regulatory adjustments applicable on CET1
- Additional Tier 1 Capital (AT1), which includes perpetual non-cumulative preference shares and Share premium resulting from the issuance of preference shares balance in share premium account after all regulatory adjustments applicable on AT1

The deduction from Tier 1 Capital include mainly:

- i) Book value of goodwill / intangibles;
  - ii) Deficit on revaluation of available for sale investments - net of deferred tax
  - ii) Defined-benefit pension fund net assets - net of deferred tax
  - iv) Reciprocal cross holdings in equity capital instruments of other banks, financial institutions and insurance companies;
  - v) Investment in mutual funds above a prescribed ceiling;
  - vi) Threshold deductions applicable from 2014 on deferred tax assets and certain investments;
- Tier 2 capital, which includes Subordinated debt/ Instruments, general provisions for loan losses (up to a maximum of 1.25 % of credit risk weighted assets), Net of tax reserves on revaluation of fixed assets and investments and foreign exchange translation reserves after all regulatory adjustments applicable on Tier-2.

The deductions from Tier 2 include mainly:

- i) Reciprocal cross holdings in other capital instruments of other banks, financial institution and insurance companies;

The required capital adequacy ratio including CCB (11.90% of the risk-weighted assets) is achieved by the Bank through retention of profit, improvement in the asset quality at the existing volume level, ensuring better recovery management and composition of asset mix with low risk. Banking operations are categorized as either trading book or banking book and risk-weighted assets are determined according to specified requirements of the State Bank of Pakistan that seek to reflect the varying levels of risk attached to assets and off-balance sheet exposures. The total risk-weighted exposures comprise of the credit risk, market risk and operational risk.

Basel-III Framework enables a more risk-sensitive regulatory capital calculation to promote long term viability of the Bank. As the Bank conducts business on a wide area network basis, it is critical that it is able to continuously monitor the exposure across entire organization and aggregate the risks so as to take an integrated view. Maximization of the return on risk-adjusted capital is the principal basis to be used in determining how capital is allocated within the Bank to particular operations or activities.

### 1.3 Capital Adequacy Ratio

#### Common Equity Tier 1 capital (CET1): Instruments and reserves

|   |  |                    |                    |
|---|--|--------------------|--------------------|
| 1   | Fully Paid-up Capital  | 11,850,600         | 11,850,600         |
| 2   | Balance in Share Premium Account   | 23,973,024         | 23,973,024         |
| 3   | Reserve for issue of Bonus Shares  | -                  | -                  |
| 4   | Discount on Issue of shares  | -                  | -                  |
| 5   | General/ Statutory Reserves  | 47,885,450         | 45,749,492         |
| 6   | Gain/(Losses) on derivatives held as Cash Flow Hedge   | -                  | -                  |
| 7   | Unappropriated/unremitted profits  | 53,971,079         | 55,221,069         |
| 8   | Minority Interests arising from CET1 capital instruments issued to third parties by consolidated bank subsidiaries (amount allowed in CET1 capital of the consolidation group) | 708,752            | 580,656            |
| 9   | <b>CET 1 before Regulatory Adjustments</b>   | <b>138,388,905</b> | <b>137,374,841</b> |
| 10  | Total regulatory adjustments applied to CET1 (Note 1.3.1)  | 12,389,550         | 6,544,691          |
| 11  | <b>Common Equity Tier 1</b>  | <b>125,999,355</b> | <b>130,830,150</b> |
| <b>Additional Tier 1 (AT 1) Capital</b>                                   |  |                    |                    |
| 12  | Qualifying Additional Tier-1 capital instruments plus any related share premium  | -                  | -                  |
| 13  | of which: Classified as equity   | -                  | -                  |
| 14  | of which: Classified as liabilities  | -                  | -                  |
| 15  | Additional Tier-1 capital instruments issued to third parties by consolidated subsidiaries (amount allowed in group AT 1)  | -                  | -                  |
| 16  | of which: instrument issued by subsidiaries subject to phase out   | -                  | -                  |
| 17  | <b>AT1 before regulatory adjustments</b>   | -                  | -                  |
| 18  | Total regulatory adjustment applied to AT1 capital (Note 1.3.2)  | -                  | -                  |
| 19  | Additional Tier 1 capital after regulatory adjustments   | -                  | -                  |
| 20  | <b>Additional Tier 1 capital recognized for capital adequacy</b>   | -                  | -                  |
| 21  | <b>Tier 1 Capital (CET1 + admissible AT1) (11+20)</b>  | <b>125,999,355</b> | <b>130,830,150</b> |
| <b>Tier 2 Capital</b>   |  |                    |                    |
| 22  | Qualifying Tier 2 capital instruments under Basel III plus any related share premium   | 2,334,611          | 3,114,062          |
| 23  | Tier 2 capital instruments subject to phaseout arrangement issued under pre-Basel 3 rules  | -                  | -                  |
| 24  | Tier 2 capital instruments issued to third parties by consolidated subsidiaries (amount allowed in group tier 2)   | -                  | -                  |
| 25  | of which: instruments issued by subsidiaries subject to phase out  | -                  | -                  |
| 26  | General provisions or general reserves for loan losses-up to maximum of 1.25% of Credit Risk Weighted Assets   | 1,292,113          | 1,118,256          |
| 27  | Revaluation Reserves (net of taxes)  | -                  | -                  |
| 28  | of which: Revaluation reserves on fixed assets   | 12,704,552         | 11,450,011         |
| 29  | of which: Unrealized gains/losses on AFS   | -                  | 4,323,505          |
| 30  | Foreign Exchange Translation Reserves  | 1,607,782          | 397,079            |
| 31  | Undisclosed/Other Reserves (if any)  | -                  | -                  |
| 32  | <b>T2 before regulatory adjustments</b>  | <b>17,939,058</b>  | <b>20,402,913</b>  |
| 33  | Total regulatory adjustment applied to T2 capital (Note 1.3.3)   | 435,575            | 976,009            |
| 34  | Tier 2 capital (T2) after regulatory adjustments   | 17,503,483         | 19,426,904         |
| 35  | Tier 2 capital recognized for capital adequacy   | 17,503,483         | 19,426,904         |
| 36  | Portion of Additional Tier 1 capital recognized in Tier 2 capital  | -                  | -                  |
| 37  | <b>Total Tier 2 capital admissible for capital adequacy</b>  | <b>17,503,483</b>  | <b>19,426,904</b>  |
| 38  | <b>TOTAL CAPITAL (T1 + admissible T2) (21+37)</b>  | <b>143,502,838</b> | <b>150,257,054</b> |
| 39  | <b>Total Risk Weighted Assets (RWA) (for details refer Note 1.6)</b>   | 843,208,969        | 919,316,374        |
| <b>Capital Ratios and buffers (in percentage of risk weighted assets)</b> |  |                    |                    |
| 40  | <b>CET1 to total RWA</b>   | <b>14.94%</b>      | <b>14.23%</b>      |
| 41  | <b>Tier-1 capital to total RWA</b>   | <b>14.94%</b>      | <b>14.23%</b>      |
| 42  | <b>Total capital to total RWA</b>  | <b>17.02%</b>      | <b>16.34%</b>      |
| 43  | Bank specific buffer requirement (minimum CET1 requirement plus capital conservation buffer plus any other buffer requirement)   | 7.90%              | 7.275%             |
| 44  | of which: capital conservation buffer requirement  | 1.90%              | 1.275%             |
| 45  | of which: countercyclical buffer requirement   | -                  | -                  |
| 46  | of which: D-SIB or G-SIB buffer requirement  | -                  | -                  |
| 47  | CET1 available to meet buffers (as a percentage of risk weighted assets)   | 7.04%              | 6.96%              |
| <b>National minimum capital requirements prescribed by SBP</b>            |  |                    |                    |
| 48  | <b>CET1 minimum ratio</b>  | <b>6.00%</b>       | <b>6.00%</b>       |
| 49  | <b>Tier 1 minimum ratio</b>  | <b>7.50%</b>       | <b>7.50%</b>       |
| 50  | <b>Total capital minimum ratio</b>   | <b>10.00%</b>      | <b>10.00%</b>      |
| 51  | <b>Total capital minimum ratio plus CCB</b>  | <b>11.900%</b>     | <b>11.275%</b>     |

**Regulatory Adjustments and Additional Information**

**1.3.1 Common Equity Tier 1 capital: Regulatory adjustments**

|    |  |                   |                  |
|----|--|-------------------|------------------|
| 1  | Goodwill (net of related deferred tax liability)   | 82,127            | 82,127           |
| 2  | All other intangibles (net of any associated deferred tax liability)   | 1,375,335         | 1,243,226        |
| 3  | Shortfall in provisions against classified assets  | -                 | -                |
| 4  | Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability)  | -                 | -                |
| 5  | Defined-benefit pension fund net assets  | 2,479,861         | 3,115,078        |
| 6  | Reciprocal cross holdings in CET1 capital instruments of banking, financial and insurance entities   | 4,807,314         | 582,288          |
| 7  | Cash flow hedge reserve  | -                 | -                |
| 8  | Investment in own shares/ CET1 instruments   | -                 | -                |
| 9  | Securitization gain on sale  | -                 | -                |
| 10 | Capital shortfall of regulated subsidiaries  | -                 | -                |
| 11 | Deficit on account of revaluation from bank's holdings of AFS  | 2,599,243         | -                |
| 12 | Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold) | -                 | -                |
| 13 | Significant investments in the common stocks of banking, financial and insurance entities that are outside the scope of regulatory consolidation (amount above 10% threshold)  | -                 | -                |
| 14 | Deferred Tax Assets arising from temporary differences (amount above 10% threshold, net of related tax liability)  | -                 | -                |
| 15 | Amount exceeding 15% threshold   | -                 | -                |
| 16 | of which: significant investments in the common stocks of financial entities   | -                 | -                |
| 17 | of which: deferred tax assets arising from temporary differences   | -                 | -                |
| 18 | National specific regulatory adjustments applied to CET1 capital   | -                 | -                |
| 19 | Investments in TFCs of other banks exceeding the prescribed limit  | 1,045,670         | 1,083,412        |
| 20 | Any other deduction specified by SBP (mention details)   | -                 | -                |
| 21 | Adjustment to CET1 due to insufficient AT1 and Tier 2 to cover deductions*   | -                 | 438,560          |
| 22 | <b>Total regulatory adjustments applied to CET1</b>  | <b>12,389,550</b> | <b>6,544,691</b> |

**1.3.2 Additional Tier-1 & Tier-1 Capital: regulatory adjustments**

|    |  |          |          |
|----|--|----------|----------|
| 23 | Investment in mutual funds exceeding the prescribed limit [SBP specific adjustment]  | -        | -        |
| 24 | Investment in own AT1 capital instruments  | -        | -        |
| 25 | Reciprocal cross holdings in Additional Tier 1 capital instruments of banking, financial and insurance entities  | -        | -        |
| 26 | Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold) | -        | -        |
| 27 | Significant investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation   | -        | -        |
| 28 | Portion of deduction applied 50:50 to Tier-1 and Tier-2 capital based on pre-Basel III treatment which, during transitional period, remain subject to deduction from additional tier-1 capital   | -        | 438,560  |
| 29 | Adjustments to Additional Tier 1 due to insufficient Tier 2 to cover deductions  | -        | -        |
| 30 | <b>Total regulatory adjustment applied to AT1 capital*</b>   | <b>-</b> | <b>-</b> |

\*As the Bank has no AT 1 capital, deduction was made from CET1.



2018                      2017  
-----Rupees in '000-----

**1.3.3 Tier 2 Capital: regulatory adjustments**

|    |  |                |                |
|----|--|----------------|----------------|
| 31 | Portion of deduction applied 50:50 to Tier-1 and Tier-2 capital based on pre-Basel III treatment which, during transitional period, remain subject to deduction from tier-2 capital  | -              | 438,560        |
| 32 | Reciprocal cross holdings in Tier 2 instruments of banking, financial and insurance entities   | 435,575        | 537,449        |
| 33 | Investment in own Tier 2 capital instrument  | -              | -              |
| 34 | Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold) | -              | -              |
| 35 | Significant investments in the capital instruments issued by banking, financial and insurance entities that are outside the scope of regulatory consolidation  | -              | -              |
| 36 | <b>Total regulatory adjustment applied to T2 capital</b>   | <b>435,575</b> | <b>976,009</b> |

**2018                      2017**  
**(Rupees in thousand)**

**1.3.4 Additional Information**

**Risk Weighted Assets subject to pre-Basel III treatment**

|       |  |           |           |
|-------|--|-----------|-----------|
| 37    | Risk weighted assets in respect of deduction items (which during the transitional period will be risk weighted subject to Pre-Basel III Treatment)                                 | -         | -         |
| (i)   | of which: deferred tax assets  | -         | -         |
| (ii)  | of which: Defined-benefit pension fund net assets  | -         | 778,770   |
| (iii) | of which: Recognized portion of investment in capital of banking, financial and insurance entities where holding is less than 10% of the issued common share capital of the entity | -         | -         |
| (iv)  | of which: Recognized portion of investment in capital of banking, financial and insurance entities where holding is more than 10% of the issued common share capital of the entity | -         | -         |
|       | <b>Amounts below the thresholds for deduction (before risk weighting)</b>  |           |           |
| 38    | Non-significant investments in the capital of other financial entities   | -         | -         |
| 39    | Significant investments in the common stock of financial entities  | -         | -         |
| 40    | Deferred tax assets arising from temporary differences (net of related tax liability)  | -         | -         |
|       | <b>Applicable caps on the inclusion of provisions in Tier 2</b>  |           |           |
| 41    | Provisions eligible for inclusion in Tier 2 in respect of exposures subject to standardized approach (prior to application of cap)   | 1,292,113 | 1,118,256 |
| 42    | Cap on inclusion of provisions in Tier 2 under standardized approach   | 8,336,162 | 8,129,264 |
| 43    | Provisions eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)                                       | -         | -         |
| 44    | Cap for inclusion of provisions in Tier 2 under internal ratings-based approach  | -         | -         |



## 1.4 Capital Structure Reconciliation

### Step 1

**Balance sheet as per published financial statements**  
**As at 31-12- 2018**  
 -----Rupees in '000-----

**Under regulatory scope of consolidation**  
**As at 31-12- 2018**

#### Assets

|                                       |                      |                      |
|---------------------------------------|----------------------|----------------------|
| Cash and balances with treasury banks | 110,165,006          | 110,165,006          |
| Balances with other banks             | 13,338,117           | 13,338,117           |
| Lendings to financial institutions    | 39,149,890           | 39,149,890           |
| Investments - net                     | 754,385,775          | 754,385,775          |
| Advances - net                        | 566,792,265          | 566,792,265          |
| Fixed assets                          | 44,983,858           | 44,983,858           |
| Deferred tax assets                   | -                    | -                    |
| Other assets - net                    | 56,395,096           | 56,395,096           |
| <b>Total assets</b>                   | <b>1,585,210,007</b> | <b>1,585,210,007</b> |

#### Liabilities & Equity

|   |                      |                      |
|---|----------------------|----------------------|
| Bills payable                                       | 17,003,272           | 17,003,272           |
| Borrowings  | 223,216,115          | 223,216,115          |
| Deposits and other accounts                         | 1,122,306,535        | 1,122,306,535        |
| Liabilities against assets subject to finance lease | -                    | -                    |
| Subordinated debt                                   | 3,891,019            | 3,891,019            |
| Deferred tax liabilities - net                      | 1,983,145            | 1,983,145            |
| Other liabilities                                   | 65,487,042           | 65,487,042           |
| <b>Total liabilities</b>                            | <b>1,433,887,128</b> | <b>1,433,887,128</b> |

|   |                      |                      |
|---|----------------------|----------------------|
| Share capital                                 | 11,850,600           | 11,850,600           |
| Reserves                                      | 74,374,573           | 74,374,573           |
| Surplus on revaluation of assets - net of tax | 10,417,875           | 10,417,875           |
| Unappropriated profit                         | 53,971,079           | 53,971,079           |
| Non-controlling interest                      | 708,752              | 708,752              |
|   | <b>151,322,879</b>   | <b>151,322,879</b>   |
| <b>Total liabilities &amp; equity</b>         | <b>1,585,210,007</b> | <b>1,585,210,007</b> |



Step 2

**Assets**

|  | Balance sheet as per<br>published financial<br>statements | Under regulatory<br>scope of<br>consolidation | Ref |
|--|---|---|-----|
|  | As at 31-12- 2018   | As at 31-12- 2018                             |     |
|  | -----Rupees in '000-----                                  |   |     |
| Cash and balances with treasury banks  | 110,165,006   | 110,165,006                                   |     |
| Balanced with other banks  | 13,338,117  | 13,338,117                                    |     |
| Lending to financial institutions  | 39,149,890  | 39,149,890                                    |     |
| Investments  | 754,385,775   | 754,385,775                                   |     |
| <i>of which: Non-significant capital investments in capital of other financial institutions exceeding 10% threshold</i>                                | -   | -   | a   |
| <i>of which: significant investments in the capital instruments issued by banking, financial and insurance entities exceeding regulatory threshold</i> | 1,045,670   | -   | b   |
| <i>of which: Mutual Funds exceeding regulatory threshold</i>   | -   | -   | c   |
| <i>of which: reciprocal crossholding of capital instrument (separate for CET1, AT1, T2)</i>  | 5,242,889   | -   | d   |
| <i>of which: others</i>  | -   | -   | e   |
| Advances   | 566,792,265   | 566,792,265                                   |     |
| <i>shortfall in provisions/ excess of total EL amount over eligible provisions under IRB</i>   | -   | -   | f   |
| <i>general provisions reflected in Tier 2 capital</i>  | 1,292,113   | 1,292,113                                     | g   |
| Fixed Assets   | 44,983,858  | 44,983,858                                    |     |
| <i>of which: Goodwill</i>  | 82,127  | 82,127  | j   |
| <i>of which: Intangibles</i>   | 1,375,335   | 1,375,335                                     | k   |
| Deferred Tax Assets  | -   | -   |     |
| <i>of which: DTAs that rely on future profitability excluding those arising from temporary differences</i>   | -   | -   | h   |
| <i>of which: DTAs arising from temporary differences exceeding regulatory threshold</i>  | -   | -   | i   |
| Other assets   | 56,395,096  | 56,395,096                                    |     |
| <i>of which: Defined-benefit pension fund net assets</i>   | 3,815,170   | 3,815,170                                     | l   |
| <b>Total assets</b>  | <b>1,585,210,007</b>                                      | <b>1,585,210,007</b>                          |     |
| <b>Liabilities &amp; Equity</b>  |   |   |     |
| Bills payable  | 17,003,272  | 17,003,272                                    |     |
| Borrowings   | 223,216,115   | 223,216,115                                   |     |
| Deposits and other accounts  | 1,122,306,535   | 1,122,306,535                                 |     |
| Sub-ordinated loans  | 3,891,019   | 3,891,019                                     |     |
| <i>of which: eligible for inclusion in AT1</i>   | -   | -   | m   |
| <i>of which: eligible for inclusion in Tier 2</i>  | 2,334,611   | -   | n   |
| Liabilities against assets subject to finance lease  | -   | -   |     |
| Deferred tax liabilities   | 1,983,145   | 1,983,145                                     |     |
| <i>of which: DTLs related to goodwill</i>  | -   | -   | o   |
| <i>of which: DTLs related to intangible assets</i>   | -   | -   | p   |
| <i>of which: DTLs related to defined pension fund net assets</i>   | 1,335,309   | 1,335,309                                     | q   |
| <i>of which: other deferred tax liabilities</i>  | 647,836   | 647,836                                       | r   |
| Other liabilities  | 65,487,042  | 65,487,042                                    |     |
| <b>Total liabilities</b>   | <b>1,433,887,128</b>                                      | <b>1,433,887,128</b>                          |     |
| Share capital  | 35,823,624  | 35,823,624                                    |     |
| <i>of which: amount eligible for CET1</i>  | 35,823,624  | 35,823,624                                    | s   |
| <i>of which: amount eligible for AT1</i>   | -   | -   | t   |
| Reserves   | 50,401,549  | 50,401,549                                    |     |
| <i>of which: portion eligible for inclusion in CET1 (general reserve &amp; statutory reserve)</i>  | 47,885,450  | 47,885,450                                    | u   |
| <i>of which: portion eligible for inclusion in Tier 2</i>  | 1,607,782   | 1,607,782                                     | v   |
| Unappropriated profit  | 53,971,079  | 53,971,079                                    | w   |
| Minority Interest  | 708,752   | 708,752                                       |     |
| <i>of which: portion eligible for inclusion in CET1</i>  | 708,752   | 708,752                                       | x   |
| <i>of which: portion eligible for inclusion in AT1</i>   | -   | -   | y   |
| <i>of which: portion eligible for inclusion in Tier 2</i>  | -   | -   | z   |
| Surplus on revaluation of assets   | 10,417,875  | 10,417,875                                    |     |
| <i>of which: Revaluation reserves on fixed assets</i>  | 12,704,552  | 12,704,552                                    | aa  |
| <i>of which: Unrealized Gains/Losses on AFS</i>  | -   | -   |     |
| <i>of which: Revaluation reserves on Non-banking assets</i>  | 312,566   | 312,566                                       |     |
| <i>In case of Deficit on revaluation (deduction from CET1)</i>   | (2,599,243)   | (2,599,243)                                   | ab  |
| <b>Total Equity</b>  | <b>151,322,879</b>  | <b>151,322,879</b>                            |     |
| <b>Total liabilities &amp; Equity</b>  | <b>1,585,210,007</b>                                      | <b>1,585,210,007</b>                          |     |



**Step 3**

**Component of  
regulatory capital  
reported by bank  
-----Rupees in '000-----**

**Source based on  
reference number  
from step 2**

**Common Equity Tier 1 capital (CET1): Instruments and reserves**

|  |                    |     |
|--|--------------------|-----|
| 1 Fully Paid-up Capital  | 11,850,600         | (s) |
| 2 Balance in Share Premium Account   | 23,973,024         |     |
| 3 Reserve for issue of Bonus Shares  | -                  |     |
| 4 General/ Statutory Reserves  | 47,885,450         | (u) |
| 5 Gain/(Losses) on derivatives held as Cash Flow Hedge   | -                  |     |
| 6 Unappropriated/unremitted profits/(losses)   | 53,971,079         | (w) |
| 7  |                    |     |
| Minority Interests arising from CET1 capital instruments issued to third party by consolidated bank subsidiaries (amount allowed in CET1 capital of the consolidation group) | 708,752            | (x) |
| <b>8 CET 1 before Regulatory Adjustments</b>   | <b>138,388,905</b> |     |

**Common Equity Tier 1 capital: Regulatory adjustments**

|   |                   |                    |
|---|-------------------|--------------------|
| 9 Goodwill (net of related deferred tax liability)  | 82,127            | (j) - (o)          |
| 10 All other intangibles (net of any associated deferred tax liability)   | 1,375,335         | (k) - (p)          |
| 11 Shortfall of provisions against classified assets  | -                 | (f)                |
| 12 Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability)  | -                 |                    |
| 13 Defined-benefit pension fund net assets  | 2,479,861         | {(l) - (q)} * 100% |
| 14 Reciprocal cross holdings in CET1 capital instruments  | 4,807,314         | portion of (d)     |
| 15 Cash flow hedge reserve  | -                 |                    |
| 16 Investment in own shares/ CET1 instruments   | -                 |                    |
| 17 Securitization gain on sale  | -                 |                    |
| 18 Capital shortfall of regulated subsidiaries  | -                 |                    |
| 19 Deficit on account of revaluation from bank's holdings of property/ AFS  | 2,599,243         | (ab)               |
| 20 Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold) | -                 |                    |
| 21 Significant investments in the capital instruments issued by banking, financial and insurance entities that are outside the scope of regulatory consolidation (amount above 10% threshold)   | -                 |                    |
| 22 Deferred Tax Assets arising from temporary differences (amount above 10% threshold, net of related tax liability)  | -                 | (i)                |
| 23 Amount exceeding 15% threshold   | -                 |                    |
| 24 of which: significant investments in the common stocks of financial entities   | -                 |                    |
| 25 of which: deferred tax assets arising from temporary differences   | -                 |                    |
| 26 National specific regulatory adjustments applied to CET1 capital   | -                 |                    |
| 27 Investment in TFCs of other banks exceeding the prescribed limit   | 1,045,670         | (b)                |
| 28 Any other deduction specified by SBP   | -                 |                    |
| 29 Regulatory adjustment applied to CET1 due to insufficient AT1 and Tier 2 to cover deductions   | -                 |                    |
| <b>30 Total regulatory adjustments applied to CET1</b>  | <b>12,389,550</b> |                    |





31 **Common Equity Tier 1**

125,999,355

**Additional Tier 1 (AT 1) Capital**

|   |   |     |
|---|---|-----|
| 32 Qualifying Additional Tier-1 instruments plus any related share premium  | - |     |
| 33 of which: Classified as equity   | - | (t) |
| 34 of which: Classified as liabilities  | - | (m) |
| 35 Additional Tier-1 capital instruments issued by consolidated subsidiaries and held by third parties (amount allowed in group AT 1)   | - | (y) |
| 36 of which: instrument issued by subsidiaries subject to phase out   | - |     |
| 37 <b>AT1 before regulatory adjustments</b>   | - |     |
| <b>Additional Tier 1 Capital: regulatory adjustments</b>  |   |     |
| 38 Investment in mutual funds exceeding the prescribed limit (SBP specific adjustment)  | - |     |
| 39 Investment in own AT1 capital instruments  | - |     |
| 40 Reciprocal cross holdings in Additional Tier 1 capital instruments   | - |     |
| 41 Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold) | - |     |
| 42 Significant investments in the capital instruments issued by banking, financial and insurance entities that are outside the scope of regulatory consolidation  | - |     |
| 43 Portion of deduction applied 50:50 to core capital and supplementary capital based on pre-Basel III treatment which, during transitional period, remain subject to deduction from tier-1 capital   | - |     |
| 44 Regulatory adjustments applied to Additional Tier 1 due to insufficient Tier 2 to cover deductions   | - |     |
| 45 Total of Regulatory Adjustment applied to AT1 capital  | - |     |
| 46 Additional Tier 1 capital  | - |     |
| 47 <b>Additional Tier 1 capital recognized for capital adequacy</b>   | - |     |

48 **Tier 1 Capital (CET1 + admissible AT1)**

125,999,355

**Tier 2 Capital**

|   |                    |                 |
|---|--------------------|-----------------|
| 49 Qualifying Tier 2 capital instruments under Basel III  | 2,334,611          | (n)             |
| 50 Capital instruments subject to phase out arrangement from tier 2 (Pre-Basel III instruments)   | -                  |                 |
| 51 Tier 2 capital instruments issued to third party by consolidated subsidiaries (amount allowed in group tier 2)   | -                  | (z)             |
| 52 of which: instruments issued by subsidiaries subject to phase out  | -                  |                 |
| 53 General Provisions or general reserves for loan losses-up to maximum of 1.25% of Credit Risk Weighted Assets   | 1,292,113          | (g)             |
| 54 Revaluation Reserves eligible for Tier 2   | 12,704,552         |                 |
| 55 of which: Revaluation reserves on fixed assets   | 12,704,552         | portion of (aa) |
| 56 of which: Unrealized Gains/Losses on AFS   | -                  |                 |
| 57 Foreign Exchange Translation Reserves  | 1,607,782          | (v)             |
| 58 Undisclosed/Other Reserves (if any)  | -                  |                 |
| 59 <b>T2 before regulatory adjustments</b>  | <b>17,939,058</b>  |                 |
| <b>Tier 2 Capital: regulatory adjustments</b>   |                    |                 |
| 60 Portion of deduction applied 50:50 to core capital and supplementary capital based on pre-Basel III treatment which, during transitional period, remain subject to deduction from tier-2 capital   | -                  |                 |
| 61 Reciprocal cross holdings in Tier 2 instruments  | 435,575            | portion of (d)  |
| 62 Investment in own Tier 2 capital instrument  | -                  |                 |
| 63 Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold) | -                  |                 |
| 64 Significant investments in the capital instruments issued by banking, financial and insurance entities that are outside the scope of regulatory consolidation  | -                  |                 |
| 65 Amount of Regulatory Adjustment applied to T2 capital  | 435,575            |                 |
| 66 Tier 2 capital (T2)  | 17,503,483         |                 |
| 67 Tier 2 capital recognized for capital adequacy   | 17,503,483         |                 |
| 68 Excess Additional Tier 1 capital recognized in Tier 2 capital  | -                  |                 |
| 69 Total Tier 2 capital admissible for capital adequacy   | 17,503,483         |                 |
| 70 <b>TOTAL CAPITAL (T1 + admissible T2)</b>  | <b>143,502,838</b> |                 |



1.5 Main Features Template of Regulatory Capital Instruments

|                                       |   | Common Shares  | Debt Instruments   |
|---------------------------------------|---|--|--|
| 1                                     | Issuer  | MCB Bank Limited                                       | MCB Bank Limited   |
| 2                                     | Unique identifier (eg KSE Symbol or Bloomberg identifier etc.)  | MCB  | MCB - Tier II  |
| 3                                     | Governing law(s) of the instrument  | Relevant Capital Market Laws                           | Laws applicable in Pakistan  |
| <b>Regulatory treatment</b>           |   |  |  |
| 4                                     | Transitional Basel III rules  | Common equity Tier 1                                   | Tier II Capital  |
| 5                                     | Post-transitional Basel III rules   | Common equity Tier 1                                   | Tier II Capital  |
| 6                                     | Eligible at solo/ group/ group&solo   | Group & standalone                                     | Group & standalone   |
| 7                                     | Instrument type   | Common Shares  | Subordinated loan  |
| 8                                     | Amount recognized in regulatory capital (Currency in PKR thousands, as of reporting date)                     | 11,850,600   | 2,334,611  |
| 9                                     | Par value of instrument   | PKR 10 per share                                       | PKR 5,000  |
| 10                                    | Accounting classification   | Shareholder equity                                     | Subordinated loan  |
| 11                                    | Original date of issuance   | 1947   | 19-Jun-14  |
| 12                                    | Perpetual or dated  | Perpetual  | dated  |
| 13                                    | Original maturity date  | No maturity  | 19-Jun-22  |
| 14                                    | Issuer call subject to prior supervisory approval   | Not applicable   | yes  |
| 15                                    | Optional call date, contingent call dates and redemption amount   | Not applicable   | Callable with prior approval of SBP on or after five years from the date of issue  |
| 16                                    | Subsequent call dates, if applicable  | Not applicable   | Not applicable   |
| <b>Coupons / dividends</b>            |   |  |  |
| 17                                    | Fixed or floating dividend/ coupon  | Not applicable   | Floating   |
| 18                                    | coupon rate and any related index/ benchmark  | Not applicable   | Six months KIBOR (Ask side) + 1.15%  |
| 19                                    | Existence of a dividend stopper   | No   | No   |
| 20                                    | Fully discretionary, partially discretionary or mandatory   | Fully discretionary                                    | Mandatory  |
| 21                                    | Existence of step up or other incentive to redeem   | No   | No   |
| 22                                    | Noncumulative or cumulative   | Not applicable   | Not applicable   |
| <b>Convertible or non-convertible</b> |   |  |  |
| 23                                    | If convertible, conversion trigger (s)  | Not applicable   | The instrument will be subject to loss absorbency clause as stipulated in terms of the Basel III Guidelines wherein upon the occurrence of a Point of Non-Viability ("PONV") event as defined in the Guidelines, SBP may at its option, fully and permanently convert the TFCs into common shares of the Bank. |
| 24                                    | If convertible, fully or partially  | Not applicable   | Fully  |
| 25                                    | If convertible, conversion rate   | Not applicable   | To be determined in case of trigger event(s)   |
| 26                                    | If convertible, mandatory or optional conversion  | Not applicable   | Mandatory  |
| 27                                    | If convertible, specify instrument type convertible into  | Not applicable   | Common Equity Tier 1   |
| 28                                    | If convertible, specify issuer of instrument it converts into   | Not applicable   | MCB Bank Limited   |
| <b>Write-down feature</b>             |   |  |  |
| 29                                    | If write-down, write-down trigger(s)  | Not applicable   | The instrument will be subject to loss absorbency clause as stipulated in terms of the Basel III Guidelines wherein upon the occurrence of a Point of Non-Viability ("PONV") event as defined in the Guidelines, SBP may at its option, fully and permanently convert the TFCs into common shares of the Bank. |
| 30                                    | If write-down, full or partial  | Not applicable   | May be written down fully or partially   |
| 31                                    | If write-down, permanent or temporary   | Not applicable   | Permanent  |
| 32                                    | If temporary write-down, description of write-up mechanism  | Not applicable   | Not applicable   |
| 33                                    | Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument) | Common equity ranks after all creditors and depositors | Subordinate to all other indebtedness to the Bank including deposits   |
| 34                                    | Non-compliant transitioned features   | No   | None   |
| 35                                    | If yes, specify non-compliant features  | Not applicable   | Not applicable   |

## 1.6 Risk Weighted Assets

The risk weighted assets to capital ratio, calculated in accordance with the State Bank of Pakistan's guidelines on capital adequacy was as follows:

|   | Capital Requirements            |             | Risk Weighted Assets |             |
|---|---------------------------------|-------------|----------------------|-------------|
|   | 2018                            | 2017        | 2018                 | 2017        |
|   | ------(Rupees in thousand)----- |             |                      |             |
| <b>Credit Risk</b>  |                                 |             |                      |             |
| Portfolios subject to standardized approach (simple or comprehensive) |                                 |             |                      |             |
| <b>On-Balance Sheet</b>   |                                 |             |                      |             |
| Corporate portfolio   | 44,950,232                      | 41,419,668  | 347,613,399          | 327,959,409 |
| Banks / DFIs  | 2,202,362                       | 1,825,272   | 17,031,518           | 14,452,434  |
| Public sector entities  | 1,026,317                       | 924,835     | 7,936,811            | 7,322,811   |
| Sovereigns / cash & cash equivalents                                  | 577,863                         | 509,773     | 4,468,784            | 4,036,363   |
| Loans secured against residential property                            | 442,856                         | 342,113     | 3,424,738            | 2,708,836   |
| Retail  | 3,988,253                       | 3,697,166   | 30,842,333           | 29,274,021  |
| Past due loans  | 920,820                         | 533,006     | 7,120,974            | 4,220,322   |
| Operating fixed assets  | 5,628,441                       | 5,208,422   | 43,526,396           | 41,240,095  |
| Other assets  | 2,661,152                       | 3,356,185   | 20,579,475           | 26,574,152  |
|   | 62,398,296                      | 57,816,440  | 482,544,428          | 457,788,443 |
| <b>Off-Balance Sheet</b>  |                                 |             |                      |             |
| Non-market related  | 21,792,931                      | 21,741,333  | 168,531,163          | 172,147,072 |
| Market related  | 377,719                         | 124,489     | 2,921,012            | 985,703     |
|   | 22,170,650                      | 21,865,822  | 171,452,175          | 173,132,775 |
| <b>Equity Exposure Risk in the Banking Book</b>                       |                                 |             |                      |             |
| Listed  | 481,746                         | 1,331,610   | 3,725,484            | 10,543,636  |
| Unlisted  | 1,185,892                       | 1,121,028   | 9,170,850            | 8,876,258   |
|   | 1,667,638                       | 2,452,638   | 12,896,334           | 19,419,894  |
| <b>Total Credit Risk</b>  | 86,236,584                      | 82,134,900  | 666,892,937          | 650,341,111 |
| <b>Market Risk</b>  |                                 |             |                      |             |
| Capital requirement for portfolios subject to standardized approach   |                                 |             |                      |             |
| Interest rate risk  | 1,765,281                       | 3,535,843   | 22,066,013           | 44,198,038  |
| Equity position risk  | 2,975,619                       | 3,523,401   | 37,195,233           | 44,042,513  |
| Foreign exchange risk   | 30,507                          | 4,953,835   | 381,337              | 61,922,941  |
| <b>Total Market Risk</b>  | 4,771,407                       | 12,013,079  | 59,642,582           | 150,163,491 |
| <b>Operational Risk</b>   |                                 |             |                      |             |
| Capital requirement for operational risks                             | 9,333,876                       | 9,504,942   | 116,673,450          | 118,811,771 |
| <b>Total</b>  | 100,341,867                     | 103,652,921 | 843,208,969          | 919,316,374 |
| <b>Capital Adequacy Ratios</b>  |                                 |             |                      |             |
|   | 2018                            |             | 2017                 |             |
|   | Required                        | Actual      | Required             | Actual      |
|   | %                               | %           | %                    | %           |
| CET1 to total RWA   | 6.00%                           | 14.94%      | 6.00%                | 14.23%      |
| Tier-1 capital to total RWA   | 7.50%                           | 14.94%      | 7.50%                | 14.23%      |
| Total capital to total RWA  | 10.00%                          | 17.02%      | 10.00%               | 16.34%      |
| Total capital plus CCB to total RWA                                   | 11.90%                          | 17.02%      | 11.28%               | 16.34%      |

\* As SBP capital requirement plus CCB of 11.90% (11.275% in 2017) is calculated on overall basis therefore, capital charge for credit risk is calculated after excluding capital requirements against market and operational risk from the total capital required.



### 1.7 Credit Risk - General Disclosures

The Bank has adopted Standardized approach of Basel II for calculation of capital charge against credit risk in line with SBP's requirements.

#### Credit Risk: Disclosures for portfolio subject to the Standardized Approach

Under standardized approach, the capital requirement is based on the credit rating assigned to the counterparties by the External Credit Assessment Institutions (ECAIs) duly recognized by SBP for capital adequacy purposes. Bank utilizes, wherever available, the credit ratings assigned by the SBP recognized ECAIs, viz. PACRA (Pakistan Credit Rating Agency), JCR-VIS (Japan Credit Rating Company- Vital Information Systems), Fitch, Moody's and Standard & Poors . Credit rating data for advances is obtained from recognized External Credit Assessment Institutions and then mapped to State Bank of Pakistan's Rating Grades.

Type of Exposures for which the ratings from the External Credit Rating Agencies are used by the Bank.

| Exposures  | JCR-VIS | PACRA | Other (S&P / Moody's / Fitch) |
|------------|---------|-------|-------------------------------|
| Corporate  | Yes     | Yes   | -                             |
| Banks      | Yes     | Yes   | Yes                           |
| Sovereigns | -       | -     | Yes                           |
| SME's      | Yes     | Yes   | -                             |

The criteria for transfer public issue ratings onto comparable assets in the banking book and the alignment of the alphanumeric scale of each agency used with risk buckets is the same as specified by the SBP.

#### Long - Term Ratings Grades Mapping

| SBP Rating Grade | PACRA          | JCR-VIS        | Fitch          | Moody's        | S&P            | ECA Scores |
|------------------|----------------|----------------|----------------|----------------|----------------|------------|
| 1                | AAA            | AAA            | AAA            | Aaa            | AAA            | 1          |
|                  | AA+            | AA+            | AA+            | Aa1            | AA+            |            |
|                  | AA             | AA             | AA             | Aa2            | AA             |            |
|                  | AA-            | AA-            | AA-            | Aa3            | AA-            |            |
| 2                | A+             | A+             | A+             | A1             | A+             | 2          |
|                  | A              | A              | A              | A2             | A              |            |
|                  | A-             | A-             | A-             | A3             | A-             |            |
| 3                | BBB+           | BBB+           | BBB+           | Baa1           | BBB+           | 3          |
|                  | BBB            | BBB            | BBB            | Baa2           | BBB            |            |
|                  | BBB-           | BBB-           | BBB-           | Baa3           | BBB-           |            |
| 4                | BB+            | BB+            | BB+            | Ba1            | BB+            | 4          |
|                  | BB             | BB             | BB             | Ba2            | BB             |            |
|                  | BB-            | BB-            | BB-            | Ba3            | BB-            |            |
| 5                | B+             | B+             | B+             | B1             | B+             | 5,6        |
|                  | B              | B              | B              | B2             | B              |            |
|                  | B-             | B-             | B-             | B3             | B-             |            |
| 6                | CCC+ and below | CCC+ and below | CCC+ and below | Caa1 and Below | CCC+ and below | 7          |

#### Short - Term Ratings Grades Mapping

| SBP Rating Grade | PACRA  | JCR-VIS | Fitch  | Moody's | S&P       |
|------------------|--------|---------|--------|---------|-----------|
| S1               | A-1    | A-1     | F1     | P-1     | A-1+, A-1 |
| S2               | A-2    | A-2     | F2     | P-2     | A-2       |
| S3               | A-3    | A-3     | F3     | P-3     | A-3       |
| S4               | Others | Others  | Others | Others  | Others    |



**Credit Exposures subject to Standardized approach**

| Exposures   | Rating  | 2018               |               |             | 2017               |               |             |
|---|---------|--------------------|---------------|-------------|--------------------|---------------|-------------|
|   |         | Amount Outstanding | Deduction CRM | Net amount  | Amount Outstanding | Deduction CRM | Net amount  |
| ----- (Rupees in thousand)-----   |         |                    |               |             |                    |               |             |
| Corporate   | 1       | 71,322,221         | -             | 71,322,221  | 59,006,460         | -             | 59,006,460  |
|   | 2       | 85,548,370         | -             | 85,548,370  | 31,828,366         | -             | 31,828,366  |
|   | 3,4     | 12,074,869         | -             | 12,074,869  | 2,621,482          | -             | 2,621,482   |
|   | 5,6     | -                  | -             | -           | -                  | -             | -           |
|   | Unrated | 255,923,456        | 12,404,608    | 243,518,848 | 259,330,670        | -             | 259,330,670 |
| Bank  | 1       | 75,316,353         | 26,377,745    | 48,938,608  | 31,403,952         | -             | 31,403,952  |
|   | 2,3     | 1,241,880          | -             | 1,241,880   | 2,722,470          | -             | 2,722,470   |
|   | 4,5     | 5,444,556          | -             | 5,444,556   | 4,865,520          | -             | 4,865,520   |
|   | 6       | 89                 | -             | 89          | 32,752             | -             | 32,752      |
|   | Unrated | 3,103,194          | -             | 3,103,194   | 5,344,330          | -             | 5,344,330   |
| Public Sector Entities in Pakistan  | 1       | 9,162,969          | -             | 9,162,969   | 8,077,484          | -             | 8,077,484   |
|   | 2,3     | -                  | -             | -           | -                  | -             | -           |
|   | 4,5     | -                  | -             | -           | -                  | -             | -           |
|   | 6       | -                  | -             | -           | -                  | -             | -           |
|   | Unrated | 89,841,170         | 77,632,736    | 12,208,434  | 84,228,112         | 72,813,484    | 11,414,629  |
| Sovereigns and on Government of Pakistan or provincial governments or SBP or Cash |         | 106,879,986        | -             | 106,879,986 | 111,794,965        | -             | 111,794,965 |
|   | 1       | 9,020,575          | -             | 9,020,575   | 8,313,825          | -             | 8,313,825   |
|   | 2       | -                  | -             | -           | -                  | -             | -           |
|   | 3       | -                  | -             | -           | -                  | -             | -           |
|   | 4,5     | 4,468,784          | -             | 4,468,784   | 4,036,363          | -             | 4,036,363   |
|   | 6       | -                  | -             | -           | -                  | -             | -           |
|   | Unrated | -                  | -             | -           | -                  | -             | -           |
| Mortgage  |         | 9,784,965          | -             | 9,784,965   | 7,739,531          | -             | 7,739,531   |
| Retail  |         | 41,123,111         | -             | 41,123,111  | 39,032,028         | -             | 39,032,028  |

**Credit Risk: Disclosures with respect to Credit Risk Mitigation for Standardized Approach**

The Bank does not make use of on and off-balance sheet netting in capital charge calculations under Basel's Standardized Approach for Credit Risk.

**Credit Risk: Disclosures for portfolio subject to the Standardized Approach**

The Bank has strong policies and processes for collateral valuation and collateral management thus ensuring that collateral valuation happens at regular defined intervals. Collaterals are normally held for the life of exposure. Regular monitoring of coverage of exposure by the collateral and lien/ charge registered over the collaterals is carried out besides ensuring that collateral matches the purpose, nature and structure of the transaction and also reflect the form and capacity of the obligor, its operations, nature of business and economic environment. The Bank mitigates its risk by taking collaterals that may include assets acquired through the funding provided, as well as cash, government securities, marketable securities, current assets, fixed assets, and specific equipment, commercial and personal real estate.

The Standardized Approach of Basel-II guidelines allows the Bank to take benefit of credit risk mitigation of financial collaterals against total exposures in the related loan facilities. As a prudent and conservative measure while calculating capital charge for credit risk of on balance sheet activities, bank has taken only the benefit of Sovereign guarantees.

MCB manages limits and controls concentrations of credit risk as identified, in particular, to individual counterparties and groups, and also reviews exposure to industry sectors and geographical regions on a regular basis. Limits are applied in a variety of forms to portfolios or sectors where MCB considers it appropriate to restrict credit risk concentrations or areas of higher risk, or to control the rate of portfolio growth.



## 2. Leverage Ratio

The leverage ratio is the ratio of Tier1 capital to total exposure, including off balance sheet exposures adjusted by regulatory credit conversion factors. The Group's current leverage ratio of 6.54% (2017: 7.52%) is above the current minimum requirement of 3.00% set by the SBP.

|                         | 2018                     | 2017          |
|-------------------------|--------------------------|---------------|
|                         | -----Rupees in '000----- |               |
| Eligible Tier-1 Capital | 125,999,355              | 130,830,150   |
| Total Exposures         | 1,927,024,025            | 1,739,400,339 |
| Leverage Ratio          | 6.54%                    | 7.52%         |

## 3. Basel III Liquidity Requirement

The Basel Committee for Banking Supervision (BCBS) has introduced Liquidity Coverage Ratio (LCR) and Net Stable Funding Ratio (NSFR) under its BASEL III reforms. As part of Basel III implementation in Pakistan, SBP issued guidelines on June 23, 2016 to implement Liquidity standards in line with BCBS timelines, keeping in view the conditions as applicable in Pakistan. The Bank is maintaining both the liquidity ratios, under Basel III, with a considerable cushion over and above the regulatory requirement to mitigate any liquidity risk.

### Liquidity Coverage Ratio

Liquidity Coverage Ratio (LCR) aims to ensure that bank maintains an adequate level of unencumbered High Quality Liquid Assets (HQLA) which can easily be converted into cash at little or no loss of value in private markets, to withstand an acute liquidity stress scenario lasting for a period of 30 days horizon. LCR is defined as ratio of stock of HQLA to the total net Cash Outflows estimated for the next 30 calendar days.

All banks are required to maintain LCR at least on 100% on an ongoing basis. The Group has been computing its LCR on monthly basis as per the instructions set out in SBP's guidelines issued on June 23, 2016. Average has been reported as simple averages of quarterly values of LCR of the financial year ended 2018. The quarterly values have been computed as simple averages of monthly observations of the previous quarter, as required by aforementioned SBP guidelines.

### Governance of Liquidity risk management

Liquidity and related risks are managed through standardized processes established in the Bank. Board and senior management are apprised about liquidity profile of the Bank on periodic basis so as to ensure proactive liquidity management and to avoid abrupt shocks. The management of liquidity risk within the Bank is undertaken within limits and other policy parameters set by ALCO, which meets monthly and reviews compliance with policy parameters. Day to day monitoring is done by the treasury while overall compliance is monitored and coordinated by the ALCO and includes reviewing the actual and planned strategic growth of the business and its impact on the statements of financial position and monitoring the Bank's liquidity profile and associated activities. Bank's treasury function has the primary responsibility for assessing, monitoring and managing bank's liquidity and funding strategy. Market Risk Management Division being part of Risk management group is responsible for the independent identification, monitoring & analysis of risks inherent in treasury exposures. The Bank has in place duly approved Treasury policy along with risk tolerance/appetite levels. These are communicated at various levels so as to ensure effective liquidity management for the Bank.

### Funding Strategy

Bank's prime source of liquidity is the customer's deposits base. Within deposits, Bank strives to maintain a healthy core deposit base in form of current and saving deposits and avoid concentration in particular products, tenors and dependence on large fund providers. Further, Bank relies on interbank borrowing for stop gap funding arrangements but, it is less preferred source of liquidity. Within borrowing, source of funding are also diversified to minimize concentration. Usually interbank borrowing is for short term. The Bank follows centralized funding strategy so as to ensure achievement of strategic and business objectives of the Bank.

### Liquidity Risk Mitigation techniques

Various tools and techniques are used to measure and monitor the possible liquidity risk. These include monitoring of different liquidity ratios like cash to deposits, financing to deposit ratio, liquid assets to total deposits, interbank borrowing to total deposits and large deposits to total deposits which are monitored and communicated to senior management and to ALCO forum regularly. Further, the Bank also prepares the maturity profile of assets and liabilities to monitor the liquidity gaps over different time buckets. For maturity analysis, behavioral study techniques are also used to determine the behavior of non-contractual assets and liabilities based on historic data and statistical techniques. The Bank also ensures to maintain statutory cash and liquidity requirements all times.

### Liquidity Stress Testing

As per SBP BSD Circular No. 1 of 2012, Liquidity stress testing is being conducted under various stress scenarios. Shocks include the withdrawals of deposits and increase in assets, withdrawals of wholesale/large deposits & interbank borrowing and utilization of undrawn credit lines etc. Results are escalated at the senior level to enable the senior management to take proactive actions to avoid any possible liquidity risk challenges for the Bank.

### Contingency Funding Plan

Contingency Funding Plan (CFP) is a part of liquidity management framework of the Bank which identifies the triggers events that could cause a liquidity crises and describes the actions to be taken to manage the crises. At MCB, a comprehensive liquidity contingency funding plan is prepared which highlights liquidity management chain that needs to be followed. Responsibilities and crises management phases are also incorporated in order to tackle the liquidity crises. Moreover, CFP highlights possible funding sources, in case of a liquidity crises.

### Main drivers of LCR Results

Main drivers of LCR Results are High Quality Liquid Assets and Net cash outflows. Net cash outflows are mainly expected deposit outflows net of cash inflows which consist of inflows from financing and fully performing exposure up to 1 month. The inputs for calculation of LCR are prescribed by the regulator.

### Composition of High Quality Liquid Asset-HQLA

High Quality Liquid Assets composed of Level-1 Asset which can be included in the stock of liquid assets at 100% of their market value. The Group maintained average HQLA of Rs. 625.823 billion (2017: Rs 618.216 billion) against the average liquidity requirement of Rs. 355.738 billion (2017: Rs. 321.109 billion) at prescribed minimum regulatory LCR requirement of 100% (2017: 90.0%). Bank's total HQLA constituted on Level 1 & Level 2B assets. Average level 1 assets of the Group primarily include Cash & Treasury Balances (including balances held with SBP) and unencumbered investment in Government Securities. The Group's average level 2b assets primarily include non-financial publically traded common equity shares of the Bank.



## Concentration of Funding Sources

At December 31, 2018, top liability products/instruments and their percentage contribution to Total Liabilities of the Group were Current & Saving Deposits 70.99%, Term Deposits 7.28%, and Rep borrowings 11.56%. As at December 31, 2018, Total Deposits and Borrowings mobilized from significant counterparties (i.e., from whom funds borrowed were more than 1.00% of the Group's Total Assets) constituted 10.60% & 1.83% of Total Assets of the Group. Moreover, the Group does not rely on top few depositors to meet its funding requirements. This clearly shows that funding sources for the Group are well diversified.

## Currency Mismatch in the LCR

The Group predominately operates in the Pakistani Rupee. FCY exposures are maintained within pre-defined thresholds and liquidity for each foreign currency is managed by utilizing interbank market through currency swaps.

## Intra-Period Changes (In LCR) as well as changes in Liquidity Risk over time

Group's average LCR during the year 2018 remained 175.92%.

## Centralization Of Liquidity Management & Interaction Between The Groups' Units

Overall responsibility for Liquidity risk management of the bank lies with the ALCO, which comprises representatives from all business groups and relevant support groups. The Group maintains adequate liquidity at all times to meet all obligations as and when they become due. For overseas branches, decentralized approach is followed for day to day liquidity management by taking into consideration both respective host country's and SBP's regulations.

## Other Inflows & Outflows

There are no other inflows & outflows in the calculations of LCR other than those that are already covered in the disclosure of LCR.

## Derivative exposures and potential collateral calls

The Group has no exposure to any counter party that could lead to a potential collateral call arising out of derivative transactions.

|   | 2018                             |                                | 2017                             |                                |
|---|----------------------------------|--------------------------------|----------------------------------|--------------------------------|
|   | Total unweighted value (average) | Total weighted value (average) | Total unweighted value (average) | Total weighted value (average) |
| -----Rupees in '000-----  |                                  |                                |                                  |                                |
| <b>High quality liquid assets</b>   |                                  |                                |                                  |                                |
| Total high quality liquid assets (HQLA)                                     | -                                | 625,831,686                    | -                                | 618,215,949                    |
| <b>Cash outflows</b>  |                                  |                                |                                  |                                |
| <b>Retail deposits and deposits from small business customers of which:</b> | <b>763,958,121</b>               | <b>76,371,097</b>              | <b>683,881,957</b>               | <b>68,352,410</b>              |
| stable deposit  | 494,308                          | 24,715                         | 715,713                          | 35,786                         |
| Less stable deposit   | 763,463,813                      | 76,346,381                     | 683,166,244                      | 68,316,624                     |
| <b>Unsecured wholesale funding of which:</b>                                | <b>334,630,540</b>               | <b>268,609,805</b>             | <b>271,587,366</b>               | <b>227,138,834</b>             |
| Operational deposits (all counterparties)                                   | 186,468                          | 20,511                         | -                                | -                              |
| Non-operational deposits (all counterparties)                               | 109,757,963                      | 43,903,185                     | 74,080,888                       | 29,632,355                     |
| Unsecured debt  | 224,686,109                      | 224,686,109                    | 197,506,479                      | 197,506,479                    |
| <b>Secured wholesale funding</b>  | <b>-</b>                         | <b>1,459,535</b>               | <b>-</b>                         | <b>464,762</b>                 |
| <b>Additional requirements of which:</b>                                    | <b>76,297,388</b>                | <b>8,480,240</b>               | <b>112,304,237</b>               | <b>11,241,814</b>              |
| Outflows related to derivative exposures and other collateral requirements  | 599,120                          | 599,120                        | 378,890                          | 378,890                        |
| Outflows related to loss of funding on debt products                        |                                  |                                |                                  |                                |
| Credit and Liquidity facilities   | 75,698,268                       | 7,881,120                      | 111,925,347                      | 10,862,925                     |
| <b>Other contractual funding obligations</b>                                | <b>29,930,050</b>                | <b>29,930,050</b>              | <b>27,646,051</b>                | <b>27,646,051</b>              |
| <b>Other contingent funding obligations</b>                                 | <b>784,777,185</b>               | <b>16,305,948</b>              | <b>673,473,058</b>               | <b>12,240,712</b>              |
| <b>Total Cash outflows</b>  |                                  | <b>401,156,675</b>             |                                  | <b>347,084,583</b>             |
| <b>Cash inflows</b>   |                                  |                                |                                  |                                |
| Secured lending   | 24,583,005                       | -                              | 550,839                          | -                              |
| Inflows from fully performing exposures                                     | 66,435,989                       | 33,399,933                     | 33,177,937                       | 16,886,304                     |
| Other Cash inflows  | 17,016,585                       | 12,018,605                     | 12,474,366                       | 9,088,997                      |
| <b>Total Cash inflows</b>   |                                  | <b>45,418,538</b>              |                                  | <b>25,975,301</b>              |
| <b>Total high quality liquid assets (HQLA)</b>                              |                                  | <b>625,831,686</b>             |                                  | <b>618,215,949</b>             |
| <b>Total Net Cash outflows</b>  |                                  | <b>355,738,136</b>             |                                  | <b>321,109,281</b>             |
| <b>Liquidity Coverage Ratio</b>   |                                  | <b>175.92%</b>                 |                                  | <b>192.53%</b>                 |



#### 4. Net Stable Funding Ratio (NSFR)

The objective of Net Stable Funding Ratio (NSFR) is to reduce funding risk over a longer time horizon by requiring banks to fund their activates with sufficiently stable sources of funding on ongoing basis. Banks are required to maintain NSFR requirement of at least 100% on an ongoing basis from December 31,2017.

|  | 2018                                  |                |                          |                         | weighted value     |
|--|---------------------------------------|----------------|--------------------------|-------------------------|--------------------|
|  | unweighted value by residual maturity |                |                          |                         |                    |
|  | No Maturity                           | Below 6 months | 6 months to below 1 year | 1 year and above 1 year |                    |
| -----Rupees in '000-----   |                                       |                |                          |                         |                    |
| <b>Available stable funding (ASF) Item</b>   |                                       |                |                          |                         | <b>156,327,963</b> |
| <b>Capital:</b>  |                                       |                |                          |                         |                    |
| Regulatory capital   | 138,388,905                           | -              | -                        | -                       | 138,388,905        |
| Other capital instruments  | 17,939,058                            | -              | -                        | -                       | 17,939,058         |
| <b>Retail deposits and deposit from small business customers:</b>  |                                       |                |                          |                         | <b>708,893,653</b> |
| Stable deposits  | 506,595                               | -              | -                        | -                       | 481,265            |
| Less stable deposits   | 787,124,875                           | -              | -                        | -                       | 708,412,388        |
| <b>Wholesale funding:</b>  |                                       |                |                          |                         | <b>68,906,741</b>  |
| Operational deposits   | 277,307                               | -              | -                        | -                       | 138,654            |
| Other wholesale funding  | -                                     | -              | 137,536,175              | -                       | 68,768,088         |
| <b>Other liabilities:</b>  |                                       |                |                          |                         | <b>18,723,025</b>  |
| NSFR derivative liabilities  | -                                     | -              | -                        | 4,359,588               | -                  |
| All other liabilities and equity not included in other categories  | 478,285,824                           | -              | 4,145,129                | 16,641,797              | 18,723,025         |
| <b>Total Available Stable Funding ASF</b>  |                                       |                |                          |                         | <b>952,851,382</b> |
| <b>Required stable funding (RSF) Item</b>  |                                       |                |                          |                         |                    |
| <b>Total NSFR high-quality liquid assets (HQLA)</b>  | -                                     | -              | -                        | -                       | -                  |
| <b>Deposits held at other financial institutions for operational purposes</b>  | 8,715,247                             | -              | -                        | -                       | 4,357,623          |
| <b>Performing loans and securities:</b>  |                                       |                |                          |                         | <b>159,560,610</b> |
| Performing loans to financial institutions secured by Level 1 HQLA   | -                                     | 32,972,346     | -                        | -                       | 3,297,235          |
| Performing loans to financial institutions secured by non-Level 1 HQLA and unsecured performing loans to financial institutions                                | -                                     | 8,849,754      | -                        | -                       | 1,327,463          |
| Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, central banks and PSEs, of which: | -                                     | -              | -                        | 110,631,713             | 94,036,956         |
| With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk   | -                                     | -              | -                        | 51,765,596              | 33,647,638         |
| Securities that are not in default and do not qualify as HQLA including exchange-traded equities.  | -                                     | -              | 4,904,833                | 26,707,566              | 27,251,319         |
| <b>Other assets:</b>   |                                       |                |                          |                         | <b>522,261,407</b> |
| Physical traded commodities, including gold  | -                                     | -              | -                        | -                       | -                  |
| Assets posted as initial margin for derivative contracts   | -                                     | -              | -                        | -                       | -                  |
| NSFR derivative assets   | -                                     | -              | -                        | 4,347,014               | -                  |
| NSFR derivative liabilities before deduction of variation margin posted  | -                                     | -              | -                        | 4,359,588               | 871,918            |
| All other assets not included in the above categories  | 496,693,863                           | 165,755,558    | 40,855,330               | -                       | 521,389,490        |
| Off-balance sheet items  |                                       |                |                          |                         | <b>44,325,011</b>  |
| <b>Total Required stable funding (RSF)</b>   |                                       |                |                          |                         | <b>730,504,652</b> |
| <b>Net Stable Funding Ratio (%)</b>  |                                       |                |                          |                         | <b>130.44%</b>     |





| 2017                                  |                |                          |                         |                |
|---------------------------------------|----------------|--------------------------|-------------------------|----------------|
| unweighted value by residual maturity |                |                          |                         | weighted value |
| No Maturity                           | Below 6 months | 6 months to below 1 year | 1 year and above 1 year |                |

-----Rupees in '000-----

**Available stable funding (ASF) Item**

|   |             |   |            |            |                    |
|---|-------------|---|------------|------------|--------------------|
| <b>Capital:</b>   |             |   |            |            | <b>157,777,754</b> |
| Regulatory capital  | 137,374,841 | - | -          | -          | 137,374,841        |
| Other capital instruments   | 20,402,913  | - | -          | -          | 20,402,913         |
| <b>Retail deposits and deposit from small business customers:</b> |             |   |            |            | <b>616,811,030</b> |
| Stable deposits   | 809,930     | - | -          | -          | 769,433            |
| Less stable deposits  | 684,490,663 | - | -          | -          | 616,041,597        |
| <b>Wholesale funding:</b>   |             |   |            |            | <b>38,870,166</b>  |
| Operational deposits  | 106,083     | - | -          | -          | 53,042             |
| Other wholesale funding   |             |   | 77,634,249 |            | 38,817,125         |
| <b>Other liabilities:</b>   |             |   |            |            | <b>26,498,216</b>  |
| NSFR derivative liabilities                                       | -           |   |            | 28,289     |                    |
| All other liabilities and equity not included in other categories | 422,837,921 | - | 6,437,609  | 23,260,469 | 26,498,216         |
| <b>Total ASF</b>  |             |   |            |            | <b>839,957,166</b> |

**Required stable funding (RSF) Item**

|  |             |            |            |            |                    |
|--|-------------|------------|------------|------------|--------------------|
| <b>Total NSFR high-quality liquid assets (HQLA)</b>  | -           | -          | -          | -          | -                  |
| <b>Deposits held at other financial institutions for operational purposes</b>  | 1,208,692   | -          | -          | -          | <b>604,346</b>     |
| <b>Performing loans and securities:</b>  |             |            |            |            | <b>139,532,162</b> |
| Performing loans to financial institutions secured by Level 1 HQLA   | -           | 619,028    | -          | -          | 61,903             |
| Performing loans to financial institutions secured by non-Level 1 HQLA and unsecured performing loans to financial institutions                                | -           | 8,818,108  | -          | -          | 1,322,716          |
| Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, central banks and PSEs, of which: | -           | -          | -          | 87,719,544 | 74,561,612         |
| With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk   | -           | -          | -          | 41,811,721 | 27,177,619         |
| Securities that are not in default and do not qualify as HQLA including exchange-traded equities.  | -           | -          | 1,423,074  | 37,768,363 | 36,408,311         |
| <b>Other assets:</b>   |             |            |            |            | <b>477,805,734</b> |
| Physical traded commodities, including gold  | -           | -          | -          | -          | -                  |
| Assets posted as initial margin for derivative contracts   | -           | -          | -          | -          | -                  |
| NSFR derivative assets   | -           |            |            | 39,004     | 10,715             |
| NSFR derivative liabilities before deduction of variation margin posted  |             |            |            | 28,289     | 5,658              |
| All other assets not included in the above categories  | 467,234,133 | 90,851,006 | 22,165,540 | -          | 477,789,361        |
| Off-balance sheet items  |             |            |            |            | <b>36,444,624</b>  |
| <b>Total RSF</b>   |             |            |            |            | <b>654,386,866</b> |
| <b>Net Stable Funding Ratio (%)</b>  |             |            |            |            | <b>128.36%</b>     |