

J&K Bank

BSE SENSEX	S&P CNX
35,067	10,761
Bloomberg	JKBK IN
Equity Shares (m)	484.9
M.Cap.(INRb)/(USDb)	35.2/0.5
52-Week Range (INR)	96/63
1, 6, 12 Rel. Per (%)	-19/-23/-22
Avg Val, INRm	64.0
Free float (%)	40.8

Financials & Valuations (INR b)

Y/E March	2018E	2019E	2020E
NII	30.3	33.8	39.4
ОР	16.9	19.2	23.6
NP	4.6	6.8	9.3
NIM (%)	3.8	3.7	3.6
EPS (INR)	8.6	12.2	16.8
EPS Gr. (%)	NA	46.2	37.7
BV/Sh. (INR)	97.2	107.0	121.3
ABV/Sh. (INR)	68.1	80.9	95.2
RoE (%)	8.9	11.9	14.7
RoA (%)	0.5	0.7	0.8
P/E(X)	8.1	5.7	4.2
P/BV (X)	0.7	0.7	0.6

CMP: INR70 TP: INR100 (+44%)

Buy

Balance sheet growth picking up with improvement in asset quality

- JKBK reported PAT of INR725m in 3QFY18 (+1.1% QoQ), exceeding our estimate by 3%, aided by 33.8% growth in NII. PPoP was up 30.6% YoY (4% beat), despite high opex (23.1% YoY), raising the CI ratio to 57%. Provisions of INR2.5b were 5% below our estimate. Tax rate for 3QFY18 was 45.4% (v/s 40.9% in 2QFY18).
- NII grew ~34% YoY (+8% QoQ), led by an improvement in margins to 4% (+24bp QoQ, +103bp YoY) and a pick-up in loan growth (INR579b, +12.8%/+28.5% QoQ/YoY). NIM improved despite 27bp/55bp QoQ/YoY decline in yield on advances, as the bank shifted its treasury portfolio for growing loans.
- Both slippages (INR3.7b, INR4.8b in 2Q) and recoveries & upgrades (INR1.2b, INR1.4b in 2Q) moderated sequentially, leading to a 4.2% sequential increase in GNPA (INR62.3b, 10.11% of advances). However, PCR stood strong at 69.5% (28bp increase from 2QFY18). NNPA stood at INR24.9b (4.29% v/s 4.76% of advances in 2Q). Std. restructured loans stood at INR56.7b (9.8% of loans). Std. SDR book stood at INR5.5b as at 3QFY18.
- Other highlights: (1) Share of J&K state loans decreased to ~48.14% v/s 51.8% in 2QFY18, (2) CASA ratio stood at 49.9% (-97bp QoQ). (3) The bank is aiming to raise INR6-7b of equity within a total planned capital raise of INR20b, including equity, AT1 bonds and T2 bonds.

Valuation and view: Management is focused on purging the balance sheet, growing the J&K business, and monitoring and resolving problematic assets outside the home state. We believe asset quality will gradually turn a corner led by controlled slippages, while large proportion of rehabilitated loans may turn standard over the next two quarters. We cut FY19E PAT by 3% to account for a sharp pick-up in margins and maintain our TP of INR100 (upside of 44%), which corresponds to 1.1x Mar-20E ABV.

Quarterly Performance									(INR Million)
Y/E March		FY:	17			FY:	18		FY17	FY18
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	F117	L110
Interest Income	16,723	16,857	16,495	16,782	16,803	16,664	16,830	20,970	66,858	71,267
Interest Expense	10,398	10,443	10,666	10,232	9,681	9,438	9,028	12,798	41,739	40,945
Net Interest Income	6,325	6,414	5,830	6,550	7,122	7,226	7,802	8,172	25,119	30,322
% Change (YoY)	-9.0	-7.6	-13.5	1.2	12.6	12.7	33.8	24.8	-7.3	20.7
Other Income	1,167	1,309	1,207	1,246	1,102	1,050	1,078	2,140	4,929	5,371
Total Income	7,492	7,723	7,037	7,795	8,224	8,277	8,880	10,312	30,048	35,693
Operating Expenses	4,000	3,967	4,106	5,032	4,539	4,635	5,053	4,584	17,105	18,811
Operating Profit	3,493	3,756	2,931	2,764	3,685	3,642	3,827	5,728	12,943	16,882
% Change (YoY)	-23.8	NA	-25.1	-27.4	5.5	-3.0	30.6	107.3	-22.4	30.4
Provisions	3,137	9,921	7,263	7,683	2,787	2,429	2,501	2,991	28,003	10,708
Profit before Tax	355	-6,165	-4,332	-4,919	899	1,213	1,326	2,736	-15,060	6,174
Tax	127	-141	652	624	-1,785	497	602	2,231	1,263	1,544
Net Profit	228	-6,024	-4,985	-5,543	302	716	725	506	-16,323	4,631
Operating Parameters										
NIM (Reported, %)	3.4	3.4	3.0	3.5	3.7	3.8	4.0	3.8	3.3	3.8
Loan Growth (%)	12.9	4.0	-3.5	-0.8	-0.2	8.0	28.5	21.0	-0.8	21.0
Deposit Growth (%)	10.8	11.9	15.3	4.4	4.0	0.7	-1.4	11.0	4.4	11.0
CASA Ratio (%)	43.1	45.1	47.4	51.7	50.9	45.1	49.9	45.5	51.7	45.5
CD ratio (%)	70.8	68.0	60.8	68.7	67.9	72.9	79.2	74.9	68.7	74.9
Asset Quality										
Gross NPA	47,149	56,830	57,149	60,000	56,406	59,829	62,321	58,514	60,000	58,514
Gross NPA (%)	9.3	11.3	11.8	11.2	10.8	10.9	10.1	9.7	11.2	9.7
Net NPA	30,235	32,364	26,991	24,254	22,672	24,426	24,877	22,539	24,254	22,539
Net NPA (%)	6.2	6.8	6.0	4.9	4.7	4.8	4.3	3.7	4.9	3.7

Research Analyst: Nitin Aggarwal (Nitin.Aggarwal@MotilalOswal.com); +91 22 3982 5540 | Anirvan Sarkar (Anirvan.Sarkar@MotilalOswal.com); +91 22 3982 5505 Piran Engineer (Piran.Engineer@MotilalOswal.com); +91 22 3980 4393 | Alpesh Mehta (Alpesh.Mehta@MotilalOswal.com); +91 22 3982 5415

Exhibit 1: Quarterly Snapshot

NR m	Exhibit 1: Quarterly Sna	apshot												
Poffee Indicose 1,365 6,945 6,745 6,275 6,214 5,830 6,550 7,122 7,226 7,203 7,000 7,000 1,135 7,000 1,000 7,000 1,136 7,000 1,000 7,000 1,136 7,000 1,000 7,000 1,136 7,000 1,000 7,000 1,136 7,000 1,000 7,000 1,136 7,000 1,000 7,000 1,136 7,000 1,000 7,000 1,136 7,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,			FY	16			FY	17			FY18		Chang	ge (%)
Net Net	INR m	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	YoY	QoQ
Other Income 1,356 1,265 1,267 1,390 1,167 1,209 1,207 1,102 1,050 1,078 21 3 Trading profits 457 388 212 413 362 467 374 229 263 26 20 1,05 1,79 Fee Income 428 387 345 525 388 489 400 595 400 633 666 59 5 Total Income 8,305 8,201 7,64 7,663 4,000 3,967 4,065 4,539 4,635 8,680 26 7 Operating Expenses 3,722 3,933 3,854 4,054 4,000 3,967 4,061 5,097 8,683 3,778 3,91 1,11 4,000 3,967 3,101 5,000 3,788 3,787 3,91 1,11 5,000 3,978 3,91 3,91 3,91 3,91 3,91 3,91 3,91 3,91 3,91 3,91 <td>Profit and Loss</td> <td></td>	Profit and Loss													
Trading profits	Net Interest Income	6,948	6,945	6,737	6,471	6,325	6,414	5,830	6,550	7,122	7,226	7,802	34	8
Feet Income	Other Income	1,356	1,265	1,027	1,392	1,167	1,309	1,207	1,246	1,102	1,050	1,078	-11	3
Miscellaneous income 478 387 345 522 368 495 420 565 440 633 666 59 5 Total Income 8,305 8,210 7,764 7,863 7,492 7,723 7,037 7,795 8,224 8,277 8,805 26 7 7 7 7 7 7 7 7 7	Trading profits	457	388	212	413	362	467	374	229	263	26	-20	-105	-179
Total Income	Fee Income	422	490	469	456	437	348	413	451	400	392	432	5	10
Operating Expenses 3,722 3,833 3,854 4,054 4,000 3,967 4,106 5,024 4,539 4,635 5,028 2,320 2 Employee 2,526 2,526 2,568 1,268 1,278 2,781 2,761 2,997 3,030 3,085 3,278 19 6 Operating Profits 4,583 4,377 3,910 3,809 3,498 3,756 2,517 2,534 3,422 3,681 3,627 3,021 6 3 PET Crovisions 4,126 3,899 3,931 3,926 6,155 6,332 4,918 3,928 3,623 4,918 3,422 3,624 3,828 2,787 2,429 2,501 6 3 PET Crovisions 6,158 8,789 1,155 3,162 3,589 6,162 6,128 4,012 1,155 3,10 3,11 3,13 3,11 3,13 3,11 3,11 3,13 3,11 3,11 3,12 4,10 5,22 </td <td>Miscellaneous Income</td> <td>478</td> <td>387</td> <td>345</td> <td>522</td> <td>368</td> <td>495</td> <td>420</td> <td>565</td> <td>440</td> <td>633</td> <td>666</td> <td>59</td> <td>5</td>	Miscellaneous Income	478	387	345	522	368	495	420	565	440	633	666	59	5
Employee 2,526 2,550 2,536 2,681 2,678 2,781 2,761 2,997 3,032 3,080 3,278 19 6 Others	Total Income	8,305	8,210	7,764	7,863	7,492	7,723	7,037	7,795	8,224	8,277	8,880	26	7
Other 1,196	Operating Expenses	3,722	3,833	3,854	4,054	4,000	3,967	4,106	5,032	4,539	4,635	5,053	23	9
Operating Profits 4,838 4,377 3,910 3,809 3,493 3,756 2,931 2,764 3,685 3,642 3,130 3 Core Operating Profits 4,126 3,989 3,698 3,398 3,130 3,289 1,576 3,278 3,711 1,313 9,212 7,663 3,789 1,276 4,382 4,919 899 1,213 1,326 NA 9 Taxes 867 1,558 3,37 398 127 -141 652 624 4,785 497 602 8 21 Balance Sheet 1,588 1,578 1,777 660 690 690 742 755 737 704 732 -1 4 Balance Sheet 1,588 4,577 467 502 489 476 451 498 487 732 1.4 8 437 373 373 3,789 4,749 6,000 56,406 59,829 6,221 9 1	Employee	2,526	2,550	2,536	2,681	2,678	2,781	2,761	2,997	3,032	3,080	3,278	19	6
Core Operating Profits 4,126 3,989 3,698 3,396 3,130 3,289 2,557 2,534 3,422 3,616 3,848 51 6 Provisions 2,129 1,266 2,397 3,971 3,137 9,921 7,263 7,683 2,787 2,429 2,501 -66 3 Para 2,454 3,111 1,513 -162 355 -6,165 -4,325 -4,919 899 2,495 497 602 -8 21 Par 1,588 1,956 1,177 -560 228 -6,024 -4,985 -5,543 302 716 725 NA 1 Par 2,548 3,457 467 502 489 476 451 498 487 513 579 28 13 Par 2,945 30,817 33,95 43,686 47,149 56,830 57,149 60,000 56,406 59,829 62,321 9 4 Passet Quality 2,549 2,549 2,549 2,549 2,549 2,549 2,424 2,677 2,4426 24,877 8 2 Pilippages 3,699 2,023 3,312 4,798 3,748 3,248 3,488 4,87 513 579 28 13 Par 2,549 2,549 2,549 2,349 2,349 2,449 2,649 2,4426 2,4877 4 Par 2,549 2,448 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,449 2,	Others	1,196	1,283	1,318	1,373	1,322	1,186	1,346	2,035	1,508	1,555	1,774	32	14
Provisions 2,129 1,266 2,397 3,971 3,137 9,921 7,263 7,683 2,787 2,429 2,501 66 3 PBT 2,454 3,111 1,513 -162 355 -6,165 -4,332 -4,919 899 1,213 1,326 NA 9 PAT 1,588 1,956 1,177 -560 228 -6,024 -4,985 -5,43 302 716 725 NA 1 PAT 1,583 4,956 1,177 -560 228 -6,024 -4,985 -5,43 302 716 725 NA 1 PBIance Sheet	Operating Profits	4,583	4,377	3,910	3,809	3,493	3,756	2,931	2,764	3,685	3,642	3,827	31	5
PBT 2,454 3,111 1,513 -624 355 -6,165 -6,232 -6,244 -1,785 -6,704 -7,785 -7,785 -8,217 -1,411 652 6,244 -1,785 -877 602 -8 21 Balance Sheet "Femalia Signal S	Core Operating Profits	4,126	3,989	3,698	3,396	3,130	3,289	2,557	2,534	3,422	3,616	3,848	51	6
Taxes 867 1,155 337 398 127 -141 652 624 -1,785 497 602 -8 21 PAT 1,588 1,956 1,177 -560 228 -6,024 -4,985 5,543 302 716 725 NA 1 Balance Sheet Deposits (INR b) 623 624 644 694 690 699 742 725 717 704 732 -1 4 Loans (INR b) 433 457 467 502 489 476 451 498 487 513 579 28 13 Asset Quality 600 699 742 725 717 704 732 -1 4 BONPA 29,945 30,81 31,835 36,868 47,149 56,830 57,149 60,00 56,962 59,829 62,311 9 4 SET Clouds 2,520 33,355 32,459 32,41 63	Provisions	2,129	1,266	2,397	3,971	3,137	9,921	7,263	7,683	2,787	2,429	2,501	-66	3
Taxes 867 1,155 337 398 127 -141 652 624 -1,785 497 602 -8 21 PAT 1,588 1,956 1,177 -560 228 -6,024 4,985 5,543 302 716 725 NA 1 Balance Sheet Deposits (INR b) 623 624 644 694 690 699 742 725 717 704 732 -1 4 Loans (INR b) 433 457 467 502 489 476 498 487 513 579 28 13 Asset Quality 600 699 742 498 487 513 579 28 13 NPA 112768 12,697 42,150 31,868 43,889 43,689 52,149 60,00 56,482 62,311 9 4 NPA 112768 2,692 42,150 32,385 32,487 32,481 63,99<	PBT										1,213		NA	
PAT 1,588 1,956 1,177 -560 228 -6,024 -4,985 -5,543 302 716 725 NA 1 Balance Sheet S S 644 644 694 690 699 742 725 717 704 723 -1 4 Coars (INR b) 433 457 467 502 489 766 451 488 487 513 579 28 13 Asset Quality 12768 12,697 12,150 21,680 21,680 56,30 57,149 60,00 56,40 59,829 62,21 9 4 Silppages 3,699 20,23 3,312 14,798 13,774 10,625 19,10 6,415 5,800 3,715 9 2 2 2 2 2 2 4,948 3,245 3,241 3,245 3,241 3,245 3,241 3,245 3,245 3,245 3,245 3,245 3,245 <t< td=""><td>Taxes</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td>-8</td><td>21</td></t<>	Taxes							-					-8	21
Deposits (INR b) 623 624 644 694 690 699 742 725 717 704 732 71 74 14 14 14 14 15 15 15 1										· ·				
Loans (INR b) 433 457 467 502 489 476 451 498 487 513 579 28 13 Asset Quality S 43,686 47,149 56,805 57,149 60,000 56,406 59,829 62,321 9 4 NNPA 12,768 12,697 12,150 21,640 30,235 32,364 26,991 24,254 26,672 24,426 24,877 8 2 Slippages 3,699 2,023 3,312 14,798 13,774 10,625 1,910 6,476 5,055 4,804 3,711 94 -23 Restructured loans 5,8 5,4 6,4 6,6 6,8 7,2 12.8 13,2 12.9 11,6 15 50 52 Asset Quality Ratios 5 5,4 6,4 6,6 6,8 8,3 9,3 11,3 11,8 11,2 10,8 10,1 1,7 7 77 24 10,1	Balance Sheet		-				-							
Asset Quality 29,945 30,817 33,935 43,686 47,149 56,806 57,149 60,000 56,406 59,829 62,321 9 4 NNPA 12,768 12,679 12,150 21,640 30,235 32,646 26,991 24,254 22,672 24,426 24,877 -8 2 Slippages 3,699 2,023 3,312 14,798 13,774 10,625 1,910 6,746 5,055 4,804 3,714 10,72 2 % of Loans 5.8 5.4 5.4 6.4 6.6 6.8 7.2 12.8 13.2 12.9 11.6 35 652 Ratios (%) 7 7 7 7 7 7 7 0 11.1 11.8 11.2 10.8 10.9 10.1 17.6 79.0 Ratios (%) 6.6 6.5 6.8 8.3 9.3 11.3 11.8 11.2 10.8 10.9 10.1 17.6	Deposits (INR b)	623	624	644	694	690	699	742	725	717	704	732	-1	4
Asset Quality 29,945 30,817 33,935 43,686 47,149 56,806 57,149 60,000 56,406 59,829 62,321 9 4 NNPA 12,768 12,679 12,150 21,640 30,235 32,646 26,991 24,254 22,672 24,426 24,877 -8 2 Slippages 3,699 2,023 3,312 14,798 13,774 10,625 1,910 6,746 5,055 4,804 3,714 10,72 2 % of Loans 5.8 5.4 5.4 6.4 6.6 6.8 7.2 12.8 13.2 12.9 11.6 35 652 Ratios (%) 7 7 7 7 7 7 7 0 11.1 11.8 11.2 10.8 10.9 10.1 17.6 79.0 Ratios (%) 6.6 6.5 6.8 8.3 9.3 11.3 11.8 11.2 10.8 10.9 10.1 17.6	Loans (INR b)	433	457	467	502	489	476	451	498	487	513	579	28	13
GNPA 29,945 30,817 33,395 43,686 47,149 56,830 57,149 60,000 56,406 59,829 62,321 9 4 NNPA 12,768 12,697 12,150 21,640 30,235 32,364 26,991 24,254 22,672 24,402 24,877 -8 2 Slippages 3,699 2,023 3,312 14,798 13,774 10,625 1,910 6,476 5,055 4,804 3,711 94 -23 % of loans 5.8 5.4 5.4 6.4 6.6 6.8 7.2 12.8 13.2 12.9 11.6 35 652 Ratios (%) 2 2 2 2 2 2 2 11.6 35 65 Ratios (%) 6 6.6 6.5 6.8 8.3 9.3 11.3 11.8 11.2 10.8 10.9 10.1 176 -9 Asset Quality Ratios 3.0 2.5 6.														
Slippages 3,699 2,023 3,312 14,798 13,774 10,625 1,910 6,476 5,055 4,804 3,711 94 -23	•	29,945	30,817	33,395	43,686	47,149	56,830	57,149	60,000	56,406	59,829	62,321	9	4
Slippages 3,699 2,023 3,312 14,798 13,774 10,625 1,910 6,476 5,055 4,804 3,711 94 -23 Restructured loans 25,054 24,862 25,047 32,353 32,475 32,461 32,487 63,817 64,152 66,121 67,145 107 2 % of Loans 5.8 5.4 5.4 6.4 6.6 6.8 7.2 12.8 13.2 12.9 11.6 35 652 Ratios (%)	NNPA	12,768	12,697	12,150	21,640	30,235	32,364	26,991	24,254	22,672	24,426	24,877	-8	2
Restructured loans 25,054 24,862 25,047 32,353 32,475 32,487 63,817 64,152 66,121 67,145 107 2 % of Loans 5.8 5.4 5.4 6.4 6.6 6.8 7.2 12.8 13.2 12.9 11.6 35 652 Ratios (%) Temporal Mark (%) Compa (%) 6.6 6.5 6.8 8.3 9.3 11.3 11.8 11.2 10.8 10.9 10.1 -176 -79 NNPA (%) 6.6 6.5 6.8 8.3 9.3 11.3 11.8 11.2 10.8 10.9 10.1 -176 -79 NNPA (%) 3.0 2.8 2.6 4.3 6.2 6.8 6.0 4.9 4.7 4.8 4.3 -170 -47 PCR (Reported, %) 61 62 66 56 50 54 62 67 70 69 70 778 28	Slippages	3,699	2,023	3,312			10,625				4,804		94	-23
% of Loans 5.8 5.4 5.4 6.4 6.6 6.8 7.2 12.8 13.2 12.9 11.6 35 652 Ratios (%) Change (bps) Asset Quality Ratios Voy QoQ GNPA (%) 6.6 6.5 6.8 8.3 9.3 11.3 11.8 11.2 10.8 10.9 10.1 -176 -79 NNPA (%) 3.0 2.8 2.6 4.3 6.2 6.8 6.0 4.9 4.7 4.8 4.3 -170 -47 PCR (Reported, %) 57 59 64 50 36 43 53 60 60 60 60 731 28 PCR (Reported, %) 61 62 66 56 50 54 62 67 70 69 70 778 28 Slippage Ratio 3.3 1.8 3.0 13.3 12.7 9.3 1.6 5.2 4.1 4.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>32,461</td><td></td><td>63,817</td><td></td><td></td><td></td><td>107</td><td>2</td></t<>							32,461		63,817				107	2
Ratios (%) Asset Quality Ratios Voy QoQ GNPA (%) 6.6 6.5 6.8 8.3 9.3 11.3 11.8 11.2 10.8 10.9 10.1 -176 -79 NNPA (%) 3.0 2.8 2.6 4.3 6.2 6.8 6.0 4.9 4.7 4.8 4.3 -170 -47 PCR (calculated, %) 57 59 64 50 36 43 53 60 60 60 60 731 28 PCR (Reported, %) 61 62 66 56 50 54 62 67 70 69 70 778 28 Slippage Ratio 3.3 1.8 3.0 13.3 12.7 9.3 1.6 5.2 4.1 4.0 2.6 92.7 -147.9 Credit Cost 1.7 0.8 2.5 2.7 2.1 5.7 4.9 5.0 3.8 1.6 1.6 -333.3 1.4 </td <td>% of Loans</td> <td></td> <td>35</td> <td>652</td>	% of Loans												35	652
Asset Quality Ratios GNPA (%) 6.6 6.5 6.8 8.3 9.3 11.3 11.8 11.2 10.8 10.9 10.1 -176 -79 NNPA (%) 3.0 2.8 2.6 4.3 6.2 6.8 6.0 4.9 4.7 4.8 4.3 -170 -47 PCR (Calculated, %) 57 59 64 50 36 43 53 60 60 60 60 60 70 778 28 PCR (Reported, %) 61 62 66 56 50 54 62 67 70 69 70 778 28 Slipage Ratio 3.3 1.8 3.0 13.3 12.7 9.3 1.6 5.2 4.1 4.0 2.6 92.7 -147.9 Credit Cost 1.7 0.8 2.5 2.7 2.1 5.7 4.9 5.0 3.8 1.6 1.6 33.3 1.8 30.1 31.3 12.7 9.3 1.6 5.2 4.1 4.0 2.6 92.7 -147.9 Eres to Total Income 51 6.0 6.0 5.8 5.8 4.5 5.9 5.8 4.9 4.7 4.9 -100 13 Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 58.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245 475 Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 68.0 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) RoA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 0.4 279 0 71 1841 624 Margins - Reported (%) 10.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -77 Yield on innestments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5	Ratios (%)												Change	e (bps)
GNPA (%) 6.6 6.5 6.8 8.3 9.3 11.3 11.8 11.2 10.8 10.9 10.1 -176 -79 NNPA (%) 3.0 2.8 2.6 4.3 6.2 6.8 6.0 4.9 4.7 4.8 4.3 -170 -47 PCR (Calculated, %) 57 59 64 50 36 43 53 60 60 60 60 60 731 28 PCR (Reported, %) 61 62 66 56 50 54 62 67 70 69 70 778 28 Slippage Ratio 3.3 1.8 3.0 13.3 12.7 9.3 1.6 5.2 4.1 4.0 2.6 92.7 -147.9 Credit Cost 1.7 0.8 2.5 2.7 2.1 5.7 4.9 5.0 3.8 1.6 1.6 -333.3 1.4 Business Ratios Fees to Total Income 5.1 6.0 6.0 5.8 5.8 4.5 5.9 5.8 4.9 4.7 4.9 -100 13 Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 65.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 -198.7 40.9 45.4 6042 442 Can/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) Rod 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 2.7 9.0 RoE 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.5 9.2 -17 -36 Cost of Deposits 6.4 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.8 5.7 5.3 5.2 4.9 -85 -30	Asset Quality Ratios													
NNPA (%) 3.0 2.8 2.6 4.3 6.2 6.8 6.0 4.9 4.7 4.8 4.3 -170 -47 PCR (Calculated, %) 57 59 64 50 36 43 53 60 60 60 60 60 731 28 PCR (Reported, %) 61 62 66 56 50 54 62 67 70 69 70 778 28 Slippage Ratio 3.3 1.8 3.0 13.3 12.7 9.3 1.6 5.2 4.1 4.0 2.6 92.7 -147.9 Credit Cost 1.7 0.8 2.5 2.7 2.1 5.7 4.9 5.0 3.8 1.6 1.6 -333.3 1.4 Business Ratios Fees to Total Income 5.1 6.0 6.0 5.8 5.8 4.5 5.9 5.8 4.9 4.7 4.9 -100 13 Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 65.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245 475 Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) Roc 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of Deposits 6.4 6.4 6.4 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 5.2 4.9 -85 -30	•	6.6	6.5	6.8	8.3	9.3	11.3	11.8	11.2	10.8	10.9	10.1		
PCR (Calculated, %) 57 59 64 50 36 43 53 60 60 60 60 60 731 28 PCR (Reported, %) 61 62 66 56 50 54 62 67 70 69 70 778 28 Slippage Ratio 3.3 1.8 3.0 13.3 12.7 9.3 1.6 5.2 4.1 4.0 2.6 92.7 -147.9 Credit Cost 1.7 0.8 2.5 2.7 2.1 5.7 4.9 5.0 3.8 1.6 1.6 -333.3 1.4 Business Ratios Fees to Total Income 5.1 6.0 6.0 5.8 5.8 4.5 5.9 5.8 4.9 4.7 4.9 -100 13 Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 65.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245 475 Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) RoA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 279 0 RoE 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of Deposits 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.8 5.7 5.3 5.2 4.9 -85 -30			2.8					6.0			4.8		-170	
PCR (Reported, %) 61 62 66 56 50 54 62 67 70 69 70 778 28 Slippage Ratio 3.3 1.8 3.0 13.3 12.7 9.3 1.6 5.2 4.1 4.0 2.6 92.7 -147.9 Credit Cost 1.7 0.8 2.5 2.7 2.1 5.7 4.9 5.0 3.8 1.6 1.6 -333.3 1.4 Business Ratios Fees to Total Income 5.1 6.0 6.0 5.8 5.8 4.5 5.9 5.8 4.9 4.7 4.9 -100 13 Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 65.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442														
Slippage Ratio 3.3 1.8 3.0 13.3 12.7 9.3 1.6 5.2 4.1 4.0 2.6 92.7 -147.9 Credit Cost 1.7 0.8 2.5 2.7 2.1 5.7 4.9 5.0 3.8 1.6 1.6 -333.3 1.4 Business Ratios Fees to Total Income 5.1 6.0 6.0 5.8 5.8 4.5 5.9 5.8 4.9 4.7 4.9 -100 13 Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 65.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245			62	66	56	50		62	67	70			778	
Credit Cost 1.7 0.8 2.5 2.7 2.1 5.7 4.9 5.0 3.8 1.6 1.6 -333.3 1.4 Business Ratios Fees to Total Income 5.1 6.0 6.0 5.8 5.8 4.5 5.9 5.8 4.9 4.7 4.9 -100 13 Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 65.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245 475 Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624														
Business Ratios 5.1 6.0 6.0 5.8 5.8 4.5 5.9 5.8 4.9 4.7 4.9 -100 13 Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 65.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245 475 Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) RoA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 279 0		1.7	0.8	2.5	2.7	2.1	5.7	4.9	5.0	3.8	1.6	1.6	-333.3	1.4
Fees to Total Income 5.1 6.0 6.0 5.8 5.8 4.5 5.9 5.8 4.9 4.7 4.9 -100 13 Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 65.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245 475 Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) RoA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 279 0														
Cost to Core Income 50.5 51.6 53.5 58.5 59.1 58.7 65.8 71.9 60.3 60.8 61.4 -442 52 Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245 475 Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) ROA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 279 0 ROE 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.3 5.2 4.9 -85 -30		5.1	6.0	6.0	5.8	5.8	4.5	5.9	5.8	4.9	4.7	4.9	-100	13
Tax Rate 35.3 37.1 22.2 -245.4 35.8 2.3 -15.1 -12.7 -198.7 40.9 45.4 6042 442 CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245 475 Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) RoA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 279 0 RoE 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds 6.4 6.4 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 0.0 -568 -528 Cost of Deposits 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.3 5.2 4.9 -85 -30			51.6	53.5		59.1	58.7			60.3	60.8	61.4	-442	52
CASA 44.7 43.2 42.7 44.1 43.1 45.1 47.4 51.7 43.1 45.1 49.9 245 475 Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) ROA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 279 0 ROE 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds 6.6 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 0.0 -568 -528 Cost of Deposits 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.3 5.2 4.9 -85 -30													6042	442
Loan/Deposit 69.5 73.2 72.6 72.3 70.8 68.0 60.8 68.7 67.9 72.9 79.2 1841 624 Margins - Reported (%) RoA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 279 0 RoE 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds <td></td> <td>245</td> <td></td>													245	
Margins - Reported (%) RoA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 279 0 RoE 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds 6.6 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 0.0 -568 -528 Cost of Deposits 6.4													1841	624
RoA 0.9 1.1 0.7 -0.3 0.1 -1.5 -2.4 -2.7 0.2 0.4 0.4 279 0 RoE 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds 6.6 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 0.0 -568 -528 Cost of Deposits 6.4 6.4 6	•													
RoE 10.3 12.3 7.2 -3.5 1.4 -41.2 -35.6 -40.2 2.0 4.6 4.8 4040 17 Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds 6.6 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 0.0 -568 -528 Cost of Deposits 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.3 5.2 4.9 -85 -30		0.9	1.1	0.7	-0.3	0.1	-1.5	-2.4	-2.7	0.2	0.4	0.4	279	0
Yield on loans 11.3 11.3 10.9 10.1 9.9 9.8 9.6 9.3 9.5 9.3 9.0 -55 -27 Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds 6.6 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 0.0 -568 -528 Cost of Deposits 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.3 5.2 4.9 -85 -30														
Yield on investments 7.6 7.9 7.6 7.4 7.6 7.5 7.5 7.3 7.0 7.0 7.1 -37 11 Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds 6.6 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 0.0 -568 -528 Cost of Deposits 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.3 5.2 4.9 -85 -30														
Yield on funds 10.4 10.5 10.3 9.7 9.5 9.6 9.4 9.4 9.6 9.5 9.2 -17 -36 Cost of funds 6.6 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 0.0 -568 -528 Cost of Deposits 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.3 5.2 4.9 -85 -30														
Cost of funds 6.6 6.4 6.2 5.7 6.3 6.3 5.7 5.6 6.3 5.3 0.0 -568 -528 Cost of Deposits 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.3 5.2 4.9 -85 -30														
Cost of Deposits 6.4 6.4 6.4 6.2 6.0 5.9 5.8 5.7 5.3 5.2 4.9 -85 -30														
	•													

Source: Company, MOSL

Other highlights

- Loan growth was led by 38%/28%/21% YoY growth in trade/personal/SME loans within J&K. Loans within J&K comprised 48.1% (v/s 51.8% in 2QFY18) of total loans.
- Deposits declined 1.4% YoY (due to high base) but increased 4% QoQ. As of 3QFY18, home deposits comprised 86.4% of total deposits.
- CASA deposits registered 4% YoY growth, led by growth in SA deposits. CASA ratio stood at 49.9%, with home state CASA ratio at 54%.
- Total pool of stressed assets remains high at INR95b (NNPA, OSRL, SDR, S4A) at 16.4% of advances, but recognition is largely behind and recoveries and upgrades are expected to pick up as the bank has taken additional measures to implement SARFAESI and form a separate cell to resolve stressed assets outside J&K.



3QFY18 Conference call highlights

Asset quality related

- Exposure to NCLT cases (List 1 & 2): INR3,500cr. Provisioning on these accounts is more than the regulatory limit. Therefore, the bank does not expect major haircut in case of sale to ARCs
- Restructured book break-up: J&K: INR4,794cr most of these accounts are out of moratorium period; bank has seen some repayment in these accounts due to satisfactory turnover. Bank expects these accounts to be upgraded within 1 year.
- Out of J&K restructured book of INR4,794: INR700cr is due to floods (in FY15) and INR3,700 due to civil unrest. The moratorium period for INR700cr got over on Dec'17.
- On the repayments: The government has announce a budgetary subsidy of INR1,000cr, wherein borrower will pay 2/3rd of the total amount and 1/3rd (interest burden) will come from state government.
- J&K State NPA: INR1000cr (last 2 quarters' GNPAs were mainly rest of India),
 SARFAESI is being made applicable in J&K.
- SDR book has overlap with restructuring (quantum not mentioned). Out of the S4A book, one account is transferred to SDR.
- Majority of the slippages for quarter are due to NCLT-related cases.

Balance sheet /P&L related

- Due to implementation of GST and also various government policies, there was a spike in employee expenses. Also, provisions for gratuity have increased based on actuarial valuations (INR15cr for this quarter). Bank has also adjusted waivers of principal amount in other opex amounting to INR7cr.
- Bank has used their treasury portfolio (mainly CP's and CD's) to boost up loan growth, which has helped the margins for the quarter.
- Majority of growth in advances came from NBFCs and PSUs.
- QIP before March 18, Amount: INR500-700cr. Planning to raise additional Tier1 through QIP.
- Raised Tier 2 bonds INR1,000cr.

Valuation and view

■ While large stock of restructured loans is a concern, the problem areas are clearly identified to be outside J&K, and the management is proactive in recognition and resolution of stressed assets with a focus on stress outside home state. We have cut our FY19 PAT estimates by 3% in view of sharp uptick in margins, cost control and improved outlook on stress resolution

- The management's focus on 20%+ growth within J&K, while closely monitoring growth and asset quality on non-home book is commendable. Recoveries in outside J&K stressed assets remains key to improvement in asset quality/earnings going forward.
- Based on improvement in income visibility due to margins uptick, cost control, peaking out of balance sheet stress and improved outlook on resolution, and attractive valuations (0.7x FY19 BV), we maintain our BUY rating with a TP of INR100 (0.8x Mar 20E BV) representing a 44% upside from CMP.

Exhibit 1: We cut our FY19 PAT estimates by -2.8%

INR b		Old Estimate	es	Re	vised Estima	ates	Change (%)		
	FY18	FY19	FY20	FY18	FY19	FY20	FY18	FY19	FY20
Net Interest Income	30.0	33.0	38.5	30.3	33.8	39.4	1.2	2.4	2.4
Other Income	5.4	6.0	6.6	5.4	6.0	6.6	0.0	0.0	0.0
Total Income	35.3	39.0	45.1	35.7	39.8	46.0	1.0	2.1	2.0
Operating Expenses	18.1	19.5	21.2	18.8	20.6	22.4	4.2	5.7	5.7
Operating Profits	17.3	19.5	23.9	16.9	19.2	23.6	-2.2	-1.6	-1.2
Provisions	11.4	9.5	11.1	10.7	9.5	10.3	-6.4	-0.4	-7.2
PBT	5.8	9.9	12.8	6.2	9.7	13.3	5.8	-2.8	3.9
Tax	1.5	3.0	3.8	1.5	2.9	4.0	5.8	-2.8	3.9
PAT	4.4	7.0	9.0	4.6	6.8	9.3	5.8	-2.8	3.9
Loans	561	651	755	603	699	811	7.5	7.5	7.5
Deposits	833	983	1,160	804	949	1,120	-3.5	-3.5	-3.5
Margins (%)	3.84	3.65	3.62	3.77	3.68	3.64			
Credit Cost (%)	2.10	1.50	1.50	1.85	1.40	1.30			
RoA (%)	0.50	0.68	0.75	0.54	0.69	0.80			
RoE (%)	8.39	12.29	14.15	8.86	11.92	14.68			

Exhibit 2: DuPont Analysis: RoE's to gradually improve over FY19/20

Y/E MARCH	FY13	FY14	FY15	FY16	FY17	FY18E	FY19E	FY20E
Net Interest Income	3.51	3.57	3.43	3.47	3.10	3.51	3.42	3.39
Fee income	0.51	0.44	0.62	0.46	0.44	0.46	0.45	0.44
Fee to core Income	12.6	11.0	15.4	11.6	12.4	11.5	11.7	11.4
Core Income	4.02	4.01	4.05	3.93	3.53	3.96	3.87	3.83
Operating Expenses	1.50	1.56	1.82	1.98	2.11	2.18	2.08	1.93
Cost to Core Income	37.3	38.9	45.0	50.4	59.6	54.9	53.8	50.5
Employee cost	0.99	0.99	1.16	1.35	1.38	1.44	1.40	1.31
Employee to total exp	66.0	63.3	63.4	68.4	65.6	66.2	67.2	67.9
Others	0.51	0.57	0.67	0.63	0.72	0.73	0.68	0.62
Core Operating Profit	2.52	2.45	2.23	1.95	1.43	1.79	1.79	1.90
Trading and others	0.23	0.08	0.15	0.19	0.17	0.16	0.15	0.14
Operating Profit	2.74	2.53	2.38	2.14	1.60	1.95	1.94	2.03
Provisions	0.43	0.20	1.31	1.25	3.45	1.24	0.96	0.88
NPA	0.29	0.11	1.08	1.15	2.61	1.18	0.92	0.85
Others	0.14	0.08	0.23	0.10	0.84	0.06	0.04	0.04
PBT	2.31	2.33	1.06	0.89	-1.86	0.71	0.98	1.15
Tax	0.71	0.76	0.40	0.35	0.16	0.18	0.29	0.34
Tax Rate	30.9	32.5	38.0	39.9	-8.4	25.0	30.0	30.0
ROA (%)	1.60	1.57	0.66	0.53	-2.01	0.54	0.69	0.80
Leverage (x)	14.7	14.2	13.1	12.5	13.4	16.5	17.4	18.3
ROE (%)	23.6	22.3	8.6	6.6	-27.0	8.9	11.9	14.7

Source: Company, MOSL

Story in charts

Exhibit 3: NNPA ratio declined 47bps QoQ

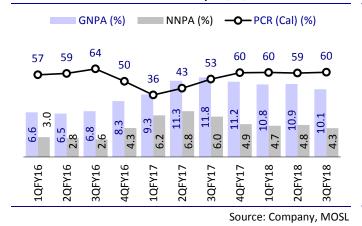
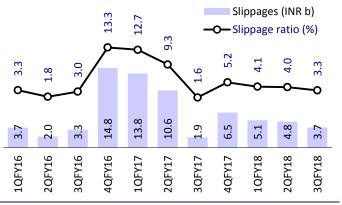


Exhibit 4: Annualized slippages moderated to 3.3%



Source: Company, MOSL

Exhibit 5: NIMs increase 24bp sequentially

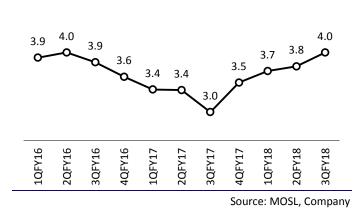
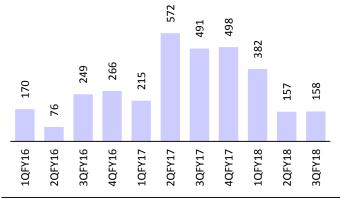
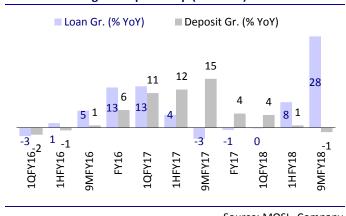


Exhibit 6: Credit costs increased by 10bp in the quarter



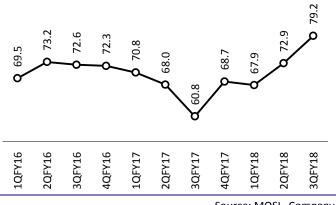
Source: MOSL, Company

Exhibit 7: Loan growth picked up (28% YoY)



Source: MOSL, Company

Exhibit 8: CD ratio picked up ~624bp sequentially



Source: MOSL, Company

Financials and valuations

E: MOSL Estimates

Income Statement							(1	NR Million)
Y/E March	2013	2014	2015	2016	2017	2018E	2019E	2020E
Interest Income	61,368	67,670	70,611	68,436	66,858	71,267	80,596	94,527
Interest Expense	38,208	40,825	44,102	41,335	41,739	40,945	46,795	55,141
Net Interest Income	23,160	26,845	26,509	27,101	25,119	30,322	33,801	39,386
Change (%)	26.0	15.9	-1.3	2.2	-7.3	20.7	11.5	16.5
Non Interest Income	4,837	3,903	5,940	5,040	4,929	5,371	5,961	6,617
Total Income	27,998	30,747	32,449	32,141	30,048	35,693	39,762	46,003
Change (%)	28.9	9.8	5.5	-0.9	-6.5	18.8	11.4	15.7
Operating Expenses	9,890	11,750	14,090	15,462	17,105	18,811	20,590	22,419
Pre Provision Profits	18,108	18,998	18,358	16,679	12,943	16,882	19,172	23,584
Change (%)	32.1	4.9	-3.4	-9.1	-22.4	30.4	13.6	23.0
Provisions (excl tax)	2,842	1,479	10,155	9,762	28,003	10,708	9,501	10,266
PBT	15,266	17,519	8,203	6,917	-15,060	6,174	9,671	13,318
Tax	4,715	5,694	3,117	2,757	1,263	1,544	2,901	3,995
Tax Rate (%)	30.9	32.5	38.0	39.9	-8.4	25.0	30.0	30.0
PAT	10,551	11,825	5,086	4,160	-16,323	4,631	6,770	9,323
Change (%)	31.4	12.1	-57.0	-18.2	-492.3	-128.4	46.2	37.7
Equity Dividend (Incl tax)	2,836	2,836	1,222	1,021	0	978	1,347	1,347
Core PPP*	16,614	18,429	17,235	15,208	11,576	15,461	17,680	22,017
Change (%)	24.5	10.9	-6.5	-11.8	-23.9	33.6	14.4	24.5
*Core PPP is (NII+Fee income-Opex)								
co. c · · · · · · · c · · · · · · · · · ·								
Balance Sheet								
Y/E March	2013	2014	2015	2016	2017	2018E	2018E	2018E
Share Capital	485	485	485	485	522	557	557	557
Equity Share Capital	485	485	485	485	522	557	557	557
Preference Share Capital	0	0	0	0	0	0	0	0
Reserves & Surplus	48,162	56,751	60,616	63,755	56,243	59,896	65,319	73,296
Net Worth	48,647	57,236	61,101	64,240	56,765	60,453	65,876	73,852
Deposits	642,206	693,359	657,562	693,903	724,631	804,340	949,122	1,119,963
Change (%)	20.4	8.0	-5.2	5.5	4.4	11.0	18.0	18.0
of which CASA Dep	251,910	270,833	274,764	306,204	374,602	365,975	433,749	511,823
Change (%)	16.0	7.5	1.5	11.4	22.3	-2.3	18.5	18.0
Borrowings	10,750	17,650	23,397	22,400	12,761	14,164	16,289	18,732
Other Liabilities & Prov.	15,830	17,953	17,248	22,138	26,030	30,455	35,633	41,690
Total Liabilities	717,433	786,197	759,307	802,681	820,187	909,412	1,066,919	1,254,238
Current Assets	54,043	42,139	37,338	32,030	53,859	60,445	72,259	86,368
Investments	257,411	262,158	227,596	203,536	212,909	182,739	222,356	272,366
Change (%)	19.0	1.8	-13.2	-10.6	4.6	-14.2	21.7	22.5
Loans	392,004	463,846	445,858	501,933	498,161	602,775	699,219	811,094
Change (%)	18.5	18.3	-3.9	12.6	-0.8	21.0	16.0	16.0
Fixed Assets	4,562	5,338	6,889	7,637	15,433	16,660	18,103	19,806
Other Assets	9,413	12,924	41,627	57,544	39,824	46,793	54,982	64,604
Total Assets	717,433	786,405	759,307	802,681	820,187	909,412	1,066,919	1,254,238
						<u> </u>		
Asset Quality								
GNPA (INR m)	6,438	7,834	27,641	43,686	60,000	58,514	55,282	55,311
NNPA (INR m)	553	1,020	12,363	21,640	24,254	22,539	20,098	20,087
GNPA Ratio	1.62	1.67	6.00	8.35	11.39	9.71	7.91	6.82
NNPA Ratio	0.14	0.22	2.77	4.31	4.87	3.74	2.87	2.48
Slippage Ratio	1.38	1.05	5.45	5.35	6.53	3.00	2.20	2.20
Credit Cost	0.64	0.24	1.95	1.97	4.46	1.85	1.40	1.30
PCR (Excl Tech. write off)	87.4	83.4	53.1	48.3	48.1	61.5	63.6	63.7
Cit (Exci Teell, Wille Ull)	07.4	03.4	JJ.1	40.5	40.1	01.3	05.0	03.7

Financials and valuations

Ratios	2042	2014	2015	2016	2047	204.05	20405	20405
Y/E March	2013	2014	2015	2016	2017	2018E	2018E	2018E
Spreads Analysis (%)								
Avg. Yield-Earning Assets	9.9	9.6	9.9	9.8	9.3	8.8	8.8	8.7
Avg. Yield on loans	11.9	11.7	11.3	10.6	9.6	10.0	9.9	9.9
Avg. Yield on Investments	7.3	6.5	7.1	7.6	8.6	7.2	7.0	7.0
Avg. Cost-Int. Bear. Liab.	6.4	6.0	6.3	5.9	5.7	4.6	4.4	4.4
Avg. Cost of Deposits	6.4	6.0	6.2	5.9	5.8	5.2	5.2	5.2
Interest Spread	3.5	3.6	3.6	3.9	3.6	4.3	4.3	4.3
Net Interest Margin	3.7	3.8	3.7	3.9	3.5	3.8	3.7	3.6
Profitability Ratios (%)								
RoE	23.6	22.3	8.6	6.6	-27.0	8.9	11.9	14.7
RoA	1.6	1.6	0.7	0.5	-2.0	0.5	0.7	0.8
RoRWA	2.6	2.5	1.0	0.7	-2.7	0.7	0.9	1.0
Int. Expense/Int.Income	62.3	60.3	62.5	60.4	62.4	57.5	58.1	58.3
Fee Income/Net Income	5.4	4.9	6.8	5.2	5.3	11.1	11.2	11.0
Non Int. Inc./Net Income	17.3	12.7	18.3	15.7	16.4	15.0	15.0	14.4
Efficiency Ratios (%)								
Cost/Income*	25.0	40.3	44.2	40.0	F0.0	F4.0	F2.0	F0 F
Empl. Cost/Op. Exps.	35.8 66.0	40.2 63.3	44.2 63.4	49.8 68.4	59.9 65.6	54.9 66.2	53.8 67.2	50.5
	00.0	05.5	05.4	00.4	05.0	00.2	07.2	67.9
* ex treasury								
Asset-Liability Profile (%)	C1 0	66.0	67.0	72.2	CO 7	74.0	72.7	72.4
Loans/Deposit Ratio	61.0	66.9	67.8	72.3	68.7	74.9	73.7	72.4
CASA Ratio	39.2	39.1	41.8	44.1	51.7	45.5	45.7	45.7
Investment/Deposit Ratio	40.1	37.8	34.6	29.3	29.4	22.7	23.4	24.3
G-Sec/Investment Ratio	54.6	57.0	59.1	68.5	76.7	100.8	93.3	85.6
CAR	12.8	12.7	12.6	11.8	10.8	7.8	7.5	7.4
Tier 1	10.9	11.2	11.3	10.6	8.7	7.8	7.5	7.4
Valuation								
Book Value (INR)	100	118	126	132	109	97	107	121
Change (%)	18.8	17.7	6.8	5.1	-17.8	-10.7	10.0	13.4
Price-BV (x)					0.6	0.7	0.7	0.6
Adjusted BV (INR)	100	117	109	103	79	68	81	95
Price-ABV (x)					0.9	1.0	0.9	0.7
EPS (INR)	21.8	24.4	10.5	8.6	-31.3	8.6	12.2	16.8
Change (%)	31.4	12.1	-57.0	-18.2	-492.3	-128.4	46.2	37.7
Price-Earnings (x)					-2.2	8.1	5.7	4.2
Dividend Per Share (INR)	5.0	5.0	2.1	1.8	0.0	1.8	2.4	2.4
Dividend Yield (%)	2.0				0.0	2.5	3.5	3.5
E: MOSI Estimatos					0.0		0.0	5.5

E: MOSL Estimates

Corporate profile: J&K Bank

Company description

J&K Bank (JKBK) is an old private sector bank which commenced business in July, 1939 from Srinagar, Kashmir. It is the only state government owned bank in the country with Govt of J&K holding ~53% in the bank. JKBK has a dominant position in the state of J&K constituting majority of the credit (~51%) and deposits (~77%) in the state. As on Dec-16, it operated through a network of 829 branches (with ~85% of branches in the state of J&K).

Exhibit 1: Exhibit 13: Sensex rebased

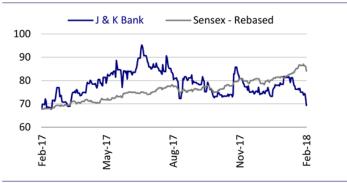


Exhibit 10: Shareholding pattern (%)

	01	· /	
	Dec-17	Sep-17	Dec-16
Promoter	59.2	59.2	53.2
DII	7.8	7.8	9.2
FII	16.0	16.6	14.6
Others	17.0	16.3	23.1

Note: FII Includes depository receipts

Exhibit 11: Top holders

Holder Name	% Holding
East Bridge Capital Master fundLtd.	3.2
ICICI PRUDENTIAL INDIA RECOVERY FUND	3.1
Life insurance Corp. of India	2.8
ICICI PRUDENTIAL LIFE INSURANCE	1.9
UTI BANKING SECTOR FUND	1.4

Exhibit 12: Top management

Name	Designation	
Parvez Ahmed	Chairman & CEO	

Exhibit 13: Directors

Name	Name
Abdul Majid Mir	Mohammad Ashraf Mir
Azhar UL Amin	Mohammad Maqbool Rather
Masooda Rajpuri	
Navin Kumar Choudhary	
Rakesh Kumar Gupta	

Exhibit 14: Auditors

Statutory
Statutory
Statutory
Statutory
Secretarial Audit

Exhibit 15: MOSL forecast v/s consensus

EPS (INR)	MOSL forecast	Consensus forecast	Variation (%)
FY18	8.6	5.8	48.3
FY19	12.2	10.6	15.0
FY20	16.8	13.8	21.5

NOTES

Explanation of Investment Rating

Investment Rating Expected return (over 12-month)

BUY >=15% < - 10% NEUTRAL > - 10 % to 15% UNDER REVIEW Rating may undergo a change

We have forward looking estimates for the stock but we refrain from assigning recommendation NOT RATED

endation given by the Research Analyst becomes inconsistent with the recommendation consistent with the investment rating legend

Disclosures:

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Securities Ltd. (MOSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Slock broking services, Investment Advisory Services, Depository participant services & distribution of various financial products. MOSL is a subsidiary company of Motilal Oswal Financial Service Ltd. (MOFSL). MOFSL is a listed public company, the details in respect of which are available on www.molilaloswal.com, MOSL is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Metropolitan Stock Exchange Of India Ltd. (MSE) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) & National Securities Depository Limited (NSDL) and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products. Details of associate entities of Motilal Óswal Securities Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/Associate%20Details.pdf

Regulatory Enquiries against Motilal Oswal Securities Limited by SEBI:
SEBI pursuant to a complaint from client Shri C.R. Mohanraj alleging unauthorized trading, issued a letter dated 29th April 2014 to MOSL notifying appointment of an Adjudicating Officer as per SEBI regulations to hold inquiry and adjudge violation of SEBI Regulations; MOSL requested SEBI to provide all documents, records, investigation report relied upon by SEBI which were referred in Show Cause Notice. The matter is closed and MOSL had to pay Rs. 2 lakhs towards penalty for misplacement of original POA of client.

MOSL, it's associates, Research Analyst or their relative may have any financial interest in the subject company. MOSL and/or its associates and/or Research Analyst may have beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report. MOSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report. Research Analyst may have served as director/officer, etc. in the subject company in the last 12 month period. MOSL and/or its associates may have received any compensation from the subject company in the past 12 months.

In the last 12 months period ending on the last day of the month immediately preceding the date of publication of this research report, MOSL or any of its associates may have:

- ast 12 months period ending on the last day of the month immediately preceding the date of publication of this research report, MUSL or any or its associates may nave: managed or co-managed public offering of securities from subject company of this research report, received compensation for investment banking or merchant banking or brokerage services from subject company of this research report, received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report. Subject Company may have been a client of MOSL or its associates during twelve months preceding the date of distribution of the research report.

MOSL and it's associates have not received any compensation or other benefits from the subject company or third party in connection with the research report. To enhance transparency, MOSL has incorporated a Disclosure of Interest Statement in this document. This should, however, not be treated as endorsement of the views expressed in the report. MOSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions

Terms & Conditions:

This report has been prepared by MOSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOSL will not treat recipients as customers by virtue of their receiving this report.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Analyst ownership of the stock

J&K Bank No

A graph of daily closing prices of securities is available at www.nseindia.com, www.nseindia.com, <a href="www.nseindia.com, www.nseindia.com, <a href="www.nseindia.com, www.nseindia.com, <a href="www.nseindia.com, <a href="www.nseindia expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong). "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong). Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Securities Limited (MOSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption in the United States are discontinuously as a mended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption in the United States are discontinuously as a mended (the "Advisers Act") and under applicable state laws in the United States. Accordingly, in the absence of specific exemption in the United States are discontinuously as a mended (the "Advisers Act") and under applicable state laws in the United States. Accordingly, in the absence of specific exemption in the United States are discontinuously as a mended (the "Advisers Act") and under applicable state laws in the United States. Accordingly, in the absence of specific exemption in the United States are discontinuously as a mended (the "Advisers Act") and under applicable state laws in the United States. Accordingly, in the absence of specific exemption in the United States are discontinuously as a mended (the "Advisers Act") and under applicable state laws in the United States. Accordingly, in the absence of specific exemption in the United States are discontinuously as a mended (the "Advisers Act") and under applicable state laws in the United States. Accordingly as a mended (the "Advisers Act") and under applicable state laws in the United States. Accordingly as a mended (the "Advisers Act") and under applicable state laws in the United States. Accordingly as a mended (the "Advisers Act") and under applicable state laws in the United States. Accordingly under the Acts, any brokerage and investment services provided by MOSL, including the products and services described herein are not available to or inlended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore
Motilal Oswal Capital Markets Singapore Pte Limited is acting as an exempt financial advisor under section 23(1)(f) of the Financial Advisers Act(FAA) read with regulation 17(1)(d) of the Financial Advisors Regulations and is a subsidiary of Motilal Oswal Securities Limited in India. This research is distributed in Singapore by Motilal Oswal Capital Markets Singapore Pte Limited and it is only directed in Singapore to accredited investors, as defined in the Financial Advisers Regulations and the Securities and Futures Act (Chapter 289), as amended from time to time. In respect of any matter arising from or in connection with the research you could contact the following representatives of Motilal Oswal Capital Markets Singapore Pte Limited:

<u>Disclaimer:</u>
The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or self or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entitles functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022-3980 4263; www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 3080 1000. Compliance Officer: Neeraj Aganval, Email Id: na@motilialoswal.com, Contact No: 022-30801085

Registration details of group entities.: MOSL: SEBI Registration: INZ000158836 (BSE/NSE/MSE); CDSL: IN-DP-16-2015; NSDL: IN-DP-NSDL-152-2000; Research Analyst: INH000000412. AMFI: ARN 17397. Investment Adviser: INA000007100. Molilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP000004409) offers PMS and Mutual Funds products. Motilal Oswal Wealth Management Ltd. (MOWML): PMS (Registration No.: INP000004409) offers wealth management solutions. "Motilal Oswal Securities Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs, Insurance and IPO products." Motilal Oswal Securities Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs, Insurance and IPO products. "Motilal Oswal Securities Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs, Insurance and IPO products." Estate Investment Advisors II Pvt. Ltd. offers Real Estate products. * Motilal Oswal Private Equity Investment Advisors Pvt. Ltd. offers Private Equity products