

L-42- Valuation Basis (Life Insurance)

Name of the Insurer: SBI LIFE INSURANCE COMPANY LIMITED

Valuation as at 30.09.2019

1) a. How the policy data needed for valuation is accessed.	Data is extracted as at the end of each month. Reasonablene checks are done to ensure the quality of data. After validation, the data is used for valuation.																												
b. How the valuation bases are supplied to the system 1) Interest : Maximum and minimum interest rate taken for each segment i. Individual Business 1. Life- Participating policies 2. Pension- Participating policies 3. Life- Non-participating policies (Including unitized non-pension policies) 4. Pension- Non-participating policies (Including unitized pension policies) 5. Annuities- Participating policies 6. Annuities – Non-participating policies 7. Annuities- Individual Pension plan 8. Unit-Linked 9. Health Insurance ii. Group Business 1. Annuities – Non-participating policies 2. Other Group policies	5.95% 5.95% 5.50% 5.50% NA 6.00% NA Non Unit-Fund: 5.5% 5.50% 6.00% 5.50%																												
2) Mortality/Morbidity Rates : The mortality/morbidity rates used for each segment	<table border="1"> <tr><td colspan="2">i. Individual Business</td></tr> <tr><td>1. Life-participating policies (including VIP)</td><td>96% to 137% of IALM 2012-14 Ultimate depending on the product</td></tr> <tr><td>2. Pension-participating policies</td><td>86% of IALM 2012-14 Ultimate</td></tr> <tr><td>3. Life- Non-participating policies (Including VIP)</td><td>64% to 151% of IALM 2012-14 Ultimate depending on the product</td></tr> <tr><td>4. Pension- Non-participating policies</td><td>53% of IALM 2012-14 Ultimate</td></tr> <tr><td>5. Annuities – participating policies</td><td>NA</td></tr> <tr><td>6. Annuities – Non-participating policies</td><td>80% of LIC a(96-98) Annuitant Rates; with 1% p.a. mortality improvement</td></tr> <tr><td>7. Annuities – Individual Pension Plan</td><td>NA</td></tr> <tr><td>8. Unit-Linked</td><td>64% to 106% of IALM 2012-14 Ultimate</td></tr> <tr><td>9. Health Insurance</td><td>74% to 137% of the Reinsurance rates suitably modified for the health benefit.</td></tr> <tr><td colspan="2">ii. Group Business</td></tr> <tr><td>1. Annuities – Non-participating policies</td><td>80% of LIC a(96-98) Annuitant Rates; with 1% p.a. mortality improvement</td></tr> <tr><td>2. Unit Linked</td><td>86% of IALM 2012-14 Ultimate</td></tr> <tr><td>3. Other Group policies</td><td>86% to 121% of IALM 2012-14 Ultimate depending on the product</td></tr> </table>	i. Individual Business		1. Life-participating policies (including VIP)	96% to 137% of IALM 2012-14 Ultimate depending on the product	2. Pension-participating policies	86% of IALM 2012-14 Ultimate	3. Life- Non-participating policies (Including VIP)	64% to 151% of IALM 2012-14 Ultimate depending on the product	4. Pension- Non-participating policies	53% of IALM 2012-14 Ultimate	5. Annuities – participating policies	NA	6. Annuities – Non-participating policies	80% of LIC a(96-98) Annuitant Rates; with 1% p.a. mortality improvement	7. Annuities – Individual Pension Plan	NA	8. Unit-Linked	64% to 106% of IALM 2012-14 Ultimate	9. Health Insurance	74% to 137% of the Reinsurance rates suitably modified for the health benefit.	ii. Group Business		1. Annuities – Non-participating policies	80% of LIC a(96-98) Annuitant Rates; with 1% p.a. mortality improvement	2. Unit Linked	86% of IALM 2012-14 Ultimate	3. Other Group policies	86% to 121% of IALM 2012-14 Ultimate depending on the product
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3)	Expenses :

4) Bonus Rates :	i. Individual Business
	1. Life-participating policies (Including VIP) Refer Annexure A
	2. Pension-participating policies Refer Annexure A
	3. Life- Non-participating policies NA
	4. Pension- Non-participating policies NA
	5. Annuities – participating policies NA
	6. Annuities – Non-participating policies NA
	7. Annuities – Individual Pension Plan NA
	8. Unit Linked NA
	9. Health Insurance NA
	ii. Group Business
	1. Annuities – Non-participating policies NA
	2. Pension-participating policies Refer Annexure A
	3. Other Group policies NA

5) Policyholders Reasonable Expectations	Policyholders' Reasonable Expectation are being taken into account while arriving at discretionary benefits like reversionary bonuses. However the bonuses are declared after evaluating bonus earning capacity of each product further classified by mode of payment (Single/Regular Premium) and policy terms so that bonuses are equitable for groups of policyholders. Bonuses are smoothed and are based on pooled experience.
6) Taxation and Shareholder Transfers	As per tax laws
7) Basis of provisions for Incurred But Not Reported (IBNR)	Calculated using Modified Chain Ladder Method
8) Change in Valuation Methods or Bases	
i. Individuals Assurances	
1. Interest	Method - No change ; Bases Change - As above
2. Expenses	Method - No change ; Bases Change - As above
3. Inflation	Method - No change ; Bases Change - As above
ii. Annuities	
1. Interest	Method - No change ; Bases Change - As above
a. Annuity in payment	NA
b. Annuity during deferred period	Method - No change ; Bases Change - As above
c. Pension : All Plans	Method - No change ; Bases Change - As above
2. Expenses	Method - No change ; Bases Change - As above
3. Inflation	Method - No change ; Bases Change - As above
iii. Unit Linked	
1. Interest	Method - No change ; Bases Change - As above
2. Expenses	Method - No change ; Bases Change - As above
3. Inflation	Method - No change ; Bases Change - As above
iv. Health	
1. Interest	Method - No change ; Bases Change - As above
2. Expenses	Method - No change ; Bases Change - As above
3. Inflation	Method - No change ; Bases Change - As above
v. Group	
1. Interest	Method - No change ; Bases Change - As above
2. Expenses	Method - No change ; Bases Change - As above
3. Inflation	Method - No change ; Bases Change - As above

Annexure A

Valuation as at 30.09.2019

Simple Reversionary, Interim and Terminal Bonus Rates

Table A: Life Par & Pension Par

Sr. No.	Product Name	Premium Type	Policy Term (in years)	Reversionary Bonus Rate #	Interim Bonus Rate (Future Bonus Rate) #	Terminal Bonus Rate ##	Future Terminal Bonus
1	Sudarshan Plan A UIN: 111N008V01	Regular Premium	5-9	Run Off	Run Off	Run Off	Run Off
			10-14	2.00%	2.00%	30.00%	5.00%
			15 - 19	2.00%	2.00%	30.00%	5.00%
			20 - 24	1.75%	1.75%	5.00%	5.00%
			25 & above	1.55%	1.55%	5.00%	5.00%
		Single Premium	5-9	Run Off	Run Off	Run Off	Run Off
			10-14	3.25%	3.25%	30.00%	5.00%
			15 - 19	3.25%	3.25%	30.00%	5.00%
			20 - 24	2.75%	2.75%	5.00%	5.00%
			25 & above	2.75%	2.75%	5.00%	5.00%
2	Sudarshan Plan B UIN: 111N008V01	Regular Premium	5-9	Run Off	Run Off	Run Off	Run Off
			10-14	2.00%	2.00%	30.00%	5.00%
			15 - 19	2.00%	2.00%	30.00%	5.00%
			20 - 24	1.75%	1.75%	5.00%	5.00%
			25 & above	1.55%	1.55%	5.00%	5.00%
		Single Premium	5-9	Run Off	Run Off	Run Off	Run Off
			10-14	3.50%	3.50%	30.00%	5.00%
			15 - 19	3.50%	3.50%	30.00%	5.00%
			20 - 24	3.00%	3.00%	5.00%	5.00%
			25 & above	3.00%	3.00%	5.00%	5.00%
3	Scholar UIN: 111N004V01	Regular Premium	6-11	Run Off	Run Off	Run Off	Run Off
			12-16	3.50%	3.50%	30.00%	5.00%
			17 - 21	3.50%	3.50%	30.00%	5.00%
		Single Premium	6-11	Run Off	Run Off	Run Off	Run Off
			12-16	4.00%	4.00%	30.00%	5.00%
			17 - 21	4.00%	4.00%	30.00%	5.00%
4	Scholar II UIN: 111N020V01	Regular Premium	6-11	3.50%	3.50%	30.00%	5.00%
			12-16	3.50%	3.50%	30.00%	5.00%
			17 - 21	3.50%	3.50%	5.00%	5.00%
		Single Premium	6-11	4.75%	4.75%	30.00%	5.00%
			12-16	4.75%	4.75%	30.00%	5.00%
			17 - 21	4.75%	4.75%	5.00%	5.00%
5	Money Back UIN: 111N019V01	Regular Premium	10 (Plan-1)	2.00%	2.00%	35.00%	5.00%
			15 (Plan-2)	2.00%	2.00%	45.00%	5.00%
			20 (Plan-3)	1.75%	1.75%	5.00%	5.00%
			25 (Plan-4)	1.75%	1.75%	5.00%	5.00%
			15 (Plan-1)	4.00%	4.00%	30.00%	5.00%
6	Sanjeevan Supreme UIN: 111N016V01	Regular Premium	20 (Plan-2)	3.75%	3.75%	5.00%	5.00%
			20 (Plan-3)	3.75%	3.75%	5.00%	5.00%
			25 (Plan-4)	3.50%	3.50%	5.00%	5.00%
			15 (Plan-1)	4.25%	4.25%	30.00%	5.00%
		Single Premium	20 (Plan-2)	4.00%	4.00%	5.00%	5.00%
			20 (Plan-3)	4.00%	4.00%	5.00%	5.00%
			25 (Plan-4)	3.75%	3.75%	5.00%	5.00%
			15 (Plan-1)	3.50%	3.50%	40.00%	5.00%
7	Shubh Nivesh UIN: 111N055V01 Plan 1 - Endowment Option	Regular Premium	10-14	3.25%	3.25%	30.00%	5.00%
			15 - 19	3.25%	3.25%	5.00%	5.00%
			20 - 24	3.25%	3.25%	5.00%	5.00%
			25 & above	3.25%	3.25%	5.00%	5.00%
		Single Premium	5-9	3.50%	3.50%	40.00%	5.00%
			10-14	3.50%	3.50%	30.00%	5.00%
			15 - 19	3.50%	3.50%	5.00%	5.00%
			20 - 24	3.50%	3.50%	5.00%	5.00%
	Shubh Nivesh UIN: 111N055V01 Plan 2 - Whole Life Option	Regular Premium	5-9	3.50%	3.50%	40.00%	5.00%
			10-14	3.50%	3.50%	30.00%	5.00%
			15 - 19	3.50%	3.50%	5.00%	5.00%
			20 - 24	3.50%	3.50%	5.00%	5.00%
		Single Premium	5-9	3.50%	3.50%	40.00%	5.00%
			10-14	3.50%	3.50%	30.00%	5.00%
			15 - 19	3.50%	3.50%	5.00%	5.00%
			20 - 24	3.50%	3.50%	5.00%	5.00%
8	Shubh Nivesh UIN: 111N055V02 Plan 1 - Endowment Option	Regular Premium	7-9	3.15%	3.15%	5.00%	5.00%
			10-14	3.15%	3.15%	5.00%	5.00%
			15 - 19	3.15%	3.15%	5.00%	5.00%
			20 - 24	3.15%	3.15%	5.00%	5.00%
			25 & above	3.15%	3.15%	5.00%	5.00%
		Single Premium	5-9	3.25%	3.25%	30.00%	5.00%
			10-14	3.25%	3.25%	5.00%	5.00%
			15 - 19	3.25%	3.25%	5.00%	5.00%
			20 - 24	3.25%	3.25%	5.00%	5.00%
			25 & above	3.25%	3.25%	5.00%	5.00%

	Shubh Nivesh UIN: 111N055V02 Plan 2 - Whole Life Option	Regular Premium	15 - 19	3.15%	3.15%	5.00%	5.00%	
			20 - 24	3.15%	3.15%	5.00%	5.00%	
		Single Premium	25 & above	3.15%	3.15%	5.00%	5.00%	
			15 - 19	3.25%	3.25%	5.00%	5.00%	
9	Shubh Nivesh UIN: 111N055V03 Plan 1 - Endowment Option	Regular Premium	20 - 24	3.25%	3.25%	5.00%	5.00%	
			25 & above	3.25%	3.25%	5.00%	5.00%	
			7-9	3.15%	3.15%	5.00%	5.00%	
			10-14	3.15%	3.15%	5.00%	5.00%	
		Single Premium	15 - 19	3.15%	3.15%	5.00%	5.00%	
			20 - 24	3.15%	3.15%	5.00%	5.00%	
			25 & above	3.15%	3.15%	5.00%	5.00%	
			5-9	3.25%	3.25%	5.00%	5.00%	
			10-14	3.25%	3.25%	5.00%	5.00%	
			15 - 19	3.25%	3.25%	5.00%	5.00%	
			20 - 24	3.25%	3.25%	5.00%	5.00%	
			25 & above	3.25%	3.25%	5.00%	5.00%	
	Shubh Nivesh UIN: 111N055V03 Plan 2 - Whole Life Option	Regular Premium	15 - 19	3.15%	3.15%	5.00%	5.00%	
			20 - 24	3.15%	3.15%	5.00%	5.00%	
		Single Premium	25 & above	3.15%	3.15%	5.00%	5.00%	
			15 - 19	3.25%	3.25%	5.00%	5.00%	
	10	Sanjeevan UIN: 111N001V01	Single Premium	20 (Plan 1)	1.50%	1.50%	30.00%	5.00%
				15 (Plan 2)	1.50%	1.50%	30.00%	5.00%
				10 (Plan 3)	Run Off	Run Off	Run Off	Run Off
	11	Young Sanjeevan UIN: 111N002V01	Single Premium	All	Run Off	Run Off	Run Off	Run Off
	12	Saral Life UIN: 111N071V01	Regular Premium	10 (Plan-1)	3.50%	3.50%	5.00%	5.00%
				15 (Plan-2)	3.50%	3.50%	5.00%	5.00%
				20 (Plan-3)	3.50%	3.50%	5.00%	5.00%
25 (Plan-4)				3.50%	3.50%	5.00%	5.00%	
13	Smart Money Back Insurance UIN: 111N082V01	Regular Premium	12 (Plan-1)	3.25%	3.25%	5.00%	5.00%	
			15 (Plan-2)	3.25%	3.25%	5.00%	5.00%	
			20 (Plan-3)	3.25%	3.25%	5.00%	5.00%	
			25 (Plan-4)	3.25%	3.25%	5.00%	5.00%	
14	Smart Income Protect UIN: 111N085V01	Regular Premium	5 (Plan-1)	3.25%	3.25%	30.00%	5.00%	
			10 (Plan-2)	3.25%	3.25%	5.00%	5.00%	
			15 (Plan-3)	3.25%	3.25%	5.00%	5.00%	
15	Smart Income Protect UIN: 111N085V02	Regular Premium	7 (Plan-1)	3.00%	3.00%	5.00%	5.00%	
			12 (Plan-2)	3.00%	3.00%	5.00%	5.00%	
			15 (Plan-3)	3.00%	3.00%	5.00%	5.00%	
16	Smart Income Protect UIN: 111N085V03	Regular Premium	7 (Plan-1)	3.00%	3.00%	5.00%	5.00%	
			12 (Plan-2)	3.00%	3.00%	5.00%	5.00%	
			15 (Plan-3)	3.00%	3.00%	5.00%	5.00%	
17	Saral Pension UIN: 111N088V01	Regular Premium	All	3.50%	3.50%	5.00%	5.00%	
		Single Premium	All	3.50%	3.50%	15.00%	5.00%	
18	Saral Pension UIN: 111N088V02	Regular Premium	All	3.25%	3.25%	5.00%	5.00%	
		Single Premium	All	3.50%	3.50%	15.00%	5.00%	
19	Smart Money Back Gold UIN: 111N096V01	Regular Premium	12 (Plan-1)	2.65%	2.65%	5.00%	5.00%	
			15 (Plan-2)	2.65%	2.65%	5.00%	5.00%	
			20 (Plan-3)	2.65%	2.65%	5.00%	5.00%	
			25 (Plan-4)	2.65%	2.65%	5.00%	5.00%	
20	Smart Money Back Gold UIN: 111N096V02	Regular Premium	12 (Plan-1)	2.50%	2.50%	5.00%	5.00%	
			15 (Plan-2)	2.50%	2.50%	5.00%	5.00%	
			20 (Plan-3)	2.50%	2.50%	5.00%	5.00%	
			25 (Plan-4)	2.50%	2.50%	5.00%	5.00%	
21	Smart Champ Insurance UIN: 111N098V01	Regular Premium	8-11	2.75%	2.75%	5.00%	5.00%	
			12-16	2.75%	2.75%	5.00%	5.00%	
		Single Premium	17 - 21	2.75%	2.75%	5.00%	5.00%	
			8-11	3.25%	3.25%	5.00%	5.00%	
22	Smart Champ Insurance UIN: 111N098V02	Regular Premium	12-16	3.25%	3.25%	5.00%	5.00%	
			17 - 21	3.25%	3.25%	5.00%	5.00%	
		Single Premium	8-11	2.75%	2.75%	5.00%	5.00%	
			12-16	2.75%	2.75%	5.00%	5.00%	
23	Smart Money Planner UIN: 111N101V01	Regular Premium	15 (Plan-1)	3.50%	3.50%	5.00%	5.00%	
			20 (Plan-2)	3.50%	3.50%	5.00%	5.00%	
		Single Premium	20 (Plan-3)	3.50%	3.50%	5.00%	5.00%	
			25 (Plan-4)	3.50%	3.50%	5.00%	5.00%	
24	Smart Money Planner UIN: 111N101V02	Regular Premium	15 (Plan-1)	3.50%	3.50%	5.00%	5.00%	
			20 (Plan-2)	3.50%	3.50%	5.00%	5.00%	
		Single Premium	20 (Plan-3)	3.50%	3.50%	5.00%	5.00%	
			25 (Plan-4)	3.50%	3.50%	5.00%	5.00%	
25	Smart Humsafar UIN: 111N103V01	Regular Premium	10 - 14	2.75%	2.75%	5.00%	5.00%	
			15 - 19	2.75%	2.75%	5.00%	5.00%	
			20 - 24	2.75%	2.75%	5.00%	5.00%	
			25 & above	2.75%	2.75%	5.00%	5.00%	

26	Smart Humsafar UIN: 111N103V02	Regular Premium	10 - 14	2.75%	2.75%	5.00%	5.00%
			15 - 19	2.75%	2.75%	5.00%	5.00%
			20 - 24	2.75%	2.75%	5.00%	5.00%
			25 & above	2.75%	2.75%	5.00%	5.00%
			10	3.00%	3.00%	5.00%	5.00%
27	Smart Woman Advantage UIN: 111N106V01	Regular Premium	15	3.00%	3.00%	5.00%	5.00%
			10 - 14	2.65%	2.65%	5.00%	5.00%
28	Smart Bachat UIN: 111N108V01	Regular Premium	15 - 19	3.00%	3.00%	5.00%	5.00%
			20 - 24	3.00%	3.00%	5.00%	5.00%
			25	3.00%	3.00%	5.00%	5.00%
			10 - 14	2.65%	2.65%	5.00%	5.00%
			15 - 19	3.00%	3.00%	5.00%	5.00%
29	Smart Bachat UIN: 111N108V02	Regular Premium	20 - 24	3.00%	3.00%	5.00%	5.00%
			25	3.00%	3.00%	5.00%	5.00%

Bonus Rates as a percentage of Sum Assured.

The rate of Terminal Bonus is a percentage of the total amount of bonuses (Reversionary plus Interim).

The future Bonus rates are assumed as per the Interim bonus rates.

The future bonus rates and future terminal bonus rates are only assumptions and in no way indicate the actual bonus rates that the Company would declare in future.

Table B1 - Pension Products

Sr. No.	Product Name	Premium Type	Policy Term (In years)	Regular Accumulating Bonus Rate *	Interim Bonus Rate *	Terminal Bonus Rate *	Future Terminal Bonus Rate *
1	Life Long Pension Plan - Individual (UIN: 111N011V01)	Regular Premium	All	7.25%	7.00%	7.50%	7.50%
		Single Premium	All	7.25%	7.00%	7.50%	7.50%
2	Life Long Pension Plan - Group (UIN: 111N012V01)	Regular Premium	All	7.25%	7.00%	7.50%	7.50%
		Single Premium	All	7.25%	7.00%	7.50%	7.50%

* Regular Accumulating & Interim Bonus Rates are a percentage applied on policy account value.

Terminal bonus is to be applied on the total allocated bonus.

Table B2 - VIP Products

Sr. No.	Product Name	Premium Type	Policy Term (In years)	A. Min. Guaranteed Bonus Interest Rate	B. Regular Bonus interest Rate*	C. Interim Bonus Interest Rate *	Terminal Bonus Rate
1	Flexi Smart Plus - Individual (UIN: 111N093V01)	Regular Premium	All	1.00%	6.50%	6.25%	2.50%

Note: Bonus type B and C are in addition to A.

* Regular Accumulating & Interim Bonus Rates are a percentage applied on policy account value.

For Flexi Smart Plus, terminus bonus rate is to be applied on policy account value.

Future bonus rates and terminal bonus rates are only assumptions and in no way indicate the actual bonus rates that the Company would declare in future.