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Appendices

Appendix I

QUESTIONNAIRE FOR PARENTS

1.1 Social Characteristics

1. Name (Optional) :
2. Age : 31-40 41-50 51 and above
3. Religion:
 - Hindu Christian Muslim Others
4. Caste:
 - OEC OBC SC ST Others

1.2 Educational Characteristics

5. Educational Qualification of Father:
 - Below SSLC SSLC Plus Two Graduation Post Graduation
 - Professional Others
6. Educational Qualification of Mother:
7. Below SSLC SSLC Plus Two Graduation Post Graduation
- Professional Others

1.3 School details of your child

8. Type of school your child is studying
 - Govt. Aided Unaided CBSE ICSE Others
9. Your child is studying:
 - 9th 10th Plus one Plus Two

1.4 Geographical Characteristics

10. Area/ Location: Rural Urban

1.5 Occupational Characteristics

11. Occupation of the Father:
 - Professional Daily- wage earner Govt. Employee Private Employee
 - Business others
12. Occupation of the Mother :
 - Professional Daily- wage earner Govt. Employee Private Employee Business others House wife

1.6 Economic Characteristics

13. Earning Members in your family:
 - One Two More than two
14. Source of Income:
 - Father's work Mother's work Assets Welfare programs other sources
15. The most responsible person for making decisions about your child's educational needs
 - School Administration Teacher Parents Child Themselves
16. Private property if any:
 - Yes No
17. How do you know about your child's school: Tick Appropriate options?

Information About school Environment	Please put Tick mark
Through friends	
Through relatives	
By visiting the school	
The school is nearest to my home	

18. Why you select this school/ sector for your child's Education. Tick appropriate option.

Reasons for selecting the school	Please put Tick mark
The school is nearest to my home	
Good Infrastructure	
Good Quality of education	
Good teachers	

19. Number of people belonging to your household

1-3 4-6 7-9 More than 9

20. Household Budget

a) Average Annual Household Consumption Expenditure

Items	Total Amount spent
Food Items(Total)	
Housing	
Health& Medical needs	
Transport& Entertainment	
Education	
Clothing & Footwear	
Fuel & Energy	
Non-food items(Total)	
Total (Food+Non-food)	

b) Purpose of Savings: Put tick mark against appropriate options only

Purpose	Mark
For emergencies	
House construction/ renovation	
For retirement life/ old Age	
Children's Education	
Children's Marriage	
Other Purposes	

c) Financing for Education (Educational Finance):

Sources for financing	Mark
Household Income/ Savings	
Selling/ Pledging Assets	
From other loans	
Friends/ Relatives	
Children's own contribution	
Education Loan	
Informal Sources of Loan	
Other sources	

21. Parental income is the most determining factor on your child's education

Strongly agree Agree Undecided Disagree strongly disagree

22. (Give tick mark, wherever it is applicable)

	Statements (Items)	S	t	r	D	i	N	e	i	t	h	e	r	A	b	s	S	t	r	e
(1) Parent's caring and support (PCS)																				
PCS 1	You spent time with your child																			
PCS 2	You support your child's learning at home																			
PCS 3	I have good relationship with my child																			
PCS 4	You motivate your child's learning at home																			
PCS 5	You give all facilities to your child's learning at home well																			
(2) Quality of education																				
QOE 1	Your child's school provides strong student-teacher relationship																			
QOE 2	Your child's school provides good feedback system																			
QOE 3	The school regularly updates the syllabus and curriculum																			
QOE 4	School gives importance to extra- curricular activities																			
QOE 5	School has good IT infrastructure																			
QOE 6	School encourages parent involvement in school activities																			
QOE 7	The school conducts parent Teacher Meetings																			
(3) Problems Related to School Education (PSE)																				
PSE 1	Poor household atmosphere affects your child's academic achievement																			
PSE 2	The low educational level of the parents affects your child's education																			
PSE 3	Your child shows poor academic performance																			
PSE 4	Financial problems affects your child's learning																			
PSE 5	The time constraint of parents affects your child's learning																			
PSE 6	Your child lacking motivation, love and affection from your family																			
PSE 7	Problems related school environment also affects your child's learning																			
PSE 8	Lack Govt. support in the form of scholarship badly affects your child's learning																			
(4) Education Policies of the Government (FCE)																				
(1) Free and compulsory education (Right to Education Act)																				
FCE 1	Free and compulsory education (Right to Education Act) of the Government is beneficial because it gives equal opportunities for every child																			
FCE 2	Free and compulsory education (Right to Education Act) of the Government is beneficial because it improves the education system																			
FCE 3	Right to Education Act of the Government is beneficial because it improves the quality of education																			
(2) All Promotion Policy (APP)																				
APP 1	No Detention Policy or All Promotion Policy of the Government is beneficial because it reduces social stigma associated with failure																			
APP 2	No Detention Policy or All Promotion Policy of the Government is beneficial because it lowers dropout rates																			
APP 3	No Detention Policy or All Promotion Policy of the Government is beneficial because it motivates the child																			

Appendix 2

Questionnaire for Students

Student Background/ Characteristics

1. Name (Optional):
2. Age:
 - 14-15 16-20
3. Gender
 - Boy Girl
4. Total members in your family
 - 3-5 6-9 10-13
5. Your hobbies
 - Reading Watching TV Dancing Listening to Music
 - Sports Social Media Others
6. You have supportive classmates/ friends
 - Strongly agree Agree Undecided Disagree strongly disagree
7. Hobbies of your friends
 - Reading Watching TV Dancing Listening to Music
 - Sports Social Media Others
8. The person influences you most
 - Father Mother Siblings Friends Teachers Relatives Others

2. Students' Perception on Home Environment

9. Your parents play an important role in your education
 - Strongly agree Agree Undecided Disagree strongly disagree
10. You live in a happy home environment
 - Strongly agree Agree Undecided Disagree strongly disagree
11. You are going for tuitions
 - Always Often Sometimes Rarely Never
12. You select this school/ sector/ medium of instruction
 - Parent's interest your own interest other reasons

3. Students' Perception on School Environment

13. Your teacher encourages you to perform better

Always Often Sometimes Rarely Never

14. As a student you need more individual care from home, school and society

Strongly agree Agree Undecided Disagree strongly disagree

15. You are overloaded with the homework and studies

Strongly agree Agree Undecided Disagree strongly disagree

16. You are challenged with healthy competition in studies

Strongly agree Agree Undecided Disagree strongly disagree

17. You are facing the problem of balancing school and home environment

Strongly agree Agree Undecided Disagree strongly disagree

18. You are challenged with the present examination oriented system of education

Strongly agree Agree Undecided Disagree strongly disagree

(Give tick mark, wherever it is applicable)

Item code	Statements (Items)	Strongly Disagree	Disagree	Neither agree	Agree	Strongly agree
(1) Students engagement in learning (SEL)						
SEL 1	You can understand the concepts that what teachers taught in the class					
SEL 2	When you are in class, you listen classes carefully					
SEL 3	You enjoy learning new things in class					
SEL 4	You pay attention in class					
SEL 5	You are interested in the work at school					
(2) Students satisfaction (SSA)						
SSA 1	You have interest in the teaching style of your teachers					
SSA 2	You are satisfied in the subject competency of your teachers					
SSA 3	You are satisfied in the class rooms and overall school environment					
SSA 4	You are satisfied in the approaches of teachers					
SSA 5	You are satisfied in the infrastructure of your school					
SSA 6	You are satisfied in the present syllabus and curriculum					
SSA 7	You are completely satisfied by your academic achievement					
SSA 8	Overall, you are satisfied in the quality of teaching in your school					

Appendix III

Educational Institutions in India

1. **MHRD** (Ministry of Human Resource and Development) was set up in September 26, 1985 mainly aimed for the development of human resources. The Ministry is divided into two departments, Department of School Education and Department of Higher Education.
2. **CABE** (Central Advisory Board of Education) is the oldest advisory body of the Government of India established in 1920 and dissolved in 1923 as a measure of economy and revived in 1935. Its main focus is to advice central and state government in the field of education.
3. **NCERT** (National Council of Educational Research and Training) was set up in June 6, 1961. It is the apex resource organization to assist and advice the central and state governments on academic matters related to school education.
4. **SCERT** (State Council of Educational Research and Training) works to implement the framework set up by the NCERT for admission, curriculum construction, course conduct, guidance, examination and certification.
5. **DIETs** (District Institute of Education Training) play the role of providing academic and resource support at the grass root levels in the areas of elementary and adult education. It was followed to cover 500 districts across India to achieve universalization of education and improving quality of elementary education.
6. **CBSE** (Central Board of Secondary Education) was constituted in 1962 to prescribe conditions of examinations and conduct public examination at the end of grade 10 and 12 and to grant qualifying certificates to the successful students of affiliated colleges.
7. **State and other Boards:** Apart from CBSE, there are nationally recognized Boards like Council for Indian School Certificate Examination (CISE) and the National Institute of Open Schooling (NIOS).
8. **NIEPA** (National Institute of Educational Planning and Administration), established by the MHRD, is a premier organization to deal with capacity building and research in planning and management of education in India. It has its origin in 1962 and conferred as a deemed university status in 2006.
9. **NCTE** (National Council for Teacher Education) was the first step for overhauling the system of teacher education. It came into existence in 1993 with the objective of achieving planned and coordinated development of the teacher education system and improving and maintaining standards in the teacher education system.
10. **CIET** (Central Institute of Education Technology) aimed to promote the utilization of technology including radio, TV, films, satellite communication and cyber media in education. It also aims to widen educational opportunities and promoting equity and improving quality of educational process at school level.
11. **NCPCR** (National Commission for Protection of Child Rights) was set up in March 2007 under the Commission for Protection of Child Rights Act, 2005, an act of parliament. It aims to protect and ensure all laws, policies, programs for solving the problems of children and also examines incidence of mental and physical distress

Appendix IV

Indian Education Policy: A Timeline

1. 1952-53 : Secondary Education Commission
2. 1964-66 (Kothari Commission)
3. 1968 : National Policy on Education (NPE)
4. 1976- 42nd Constitutional Amendment
5. 1986: (New) National Policy on Education (NPE)
6. 1987-88 : Centrally sponsored scheme for Teacher Education
7. 1993- District Primary Education Programme(DPEP)
8. 1995- Mid Day Meal Scheme (MDMS)
9. 2000-02 : Sarva Shiksha Abhiyan (SSA)
10. 2002- Right to Education Amendment
11. 2005- National Curriculum Framework(NCF)
12. 2007-08- Model School Scheme
13. 2008- National Scheme for Incentive to Girls for Secondary Education
14. 2008- Girls' Hostel Scheme
15. 2008- National Means- Cum- Merit Scholarship Scheme
16. 2009- Rashtriya Madhyamik Shiksha Abhiyan (RMSA)
17. 2009-10: Inclusive Education of the Disabled at Secondary stage
18. 2012: Justice Verma Commission on Teacher Education
19. 2014: Beti Bachao Beti Padhao
20. 2014: Scheme to provide Quality Education in Madrasas
21. 2015: Rashtriya Avishkar Abhiyan
22. 2018: Samagra Shiksha Abhiyan
23. 2019: National Education Policy

Appendix V

Table 1
Government Spending on Education in India

Year	HRD Ministry Budget (in Rs crore)	Total Central Budget(in Rs crore)	Gross National Income (GNI, in Rs crore)	HRD Ministry budget (as % of GNI)	HRD Ministry Budget (as % of total central Budget)
2014-15	1,10,351.10	17,94,891.96	104,12,280.00	1.06	6.15
2015-16	96,649.76	17,77,477.04	112,46,305.00	0.86	5.44
2016-17	92,666.65	19,78,060.45	120,34,713.00	0.77	4.68
2017-18	79,685.95	21,46,734.78	128,35,004.00	0.62	3.71

Source: Union Budget, Economic Survey 2017-18

Table 2
Trend of Per Capita NSDP in Selected States (prices (1993/94))

Year	Haryana	Himachal Pradesh	Kerala	Madhya Pradesh	Meghalaya	Orissa	Rajasthan
1990-91	10138	6473	5685	5607	6122	4158	5558
1995-96	11545	8801	8748	6790	7537	5204	7216
1999-2000	13308	11051	10178	8248	9003	5735	8555
2004-05	17465	14674	14441	7809	10450	6955	8368
CGR: 1990-91-2004-05	3.7	5.6	6.4	2.2	3.6	3.5	2.7
CGR: 1990-91-1999-2000	2.8	5.5	6	3.9	3.9	3.3	4.4
CGR: 1999-2000 - 2004-05	5.6	5.8	7.2	negative	3.0	3.9	Negative

Source: Economic survey (various years), WPI from Office of the economic adviser, Ministry of Commerce and Industry

Table 3
Proportion of Education Expenditure Spent on Elementary Education

State	Haryana	Himachal Pradesh	Kerala	Madhya Pradesh	Meghalaya	Orissa	Rajasthan
1990-91	45.90	56.62	52.40	59.38	55.46	54.98	54.38
1995-96	47.18	54.56	48.73	59.93	59.91	54.75	55.96
2000-01	45.13	56.67	46.28	68.46	61.18	60.62	57.83
2003-04	47.77	55.46	42.45	80.66	54.44	58.21	56.65

Source: Analysis of Budgeted Expenditure on Education, Ministry of HRD, Govt. of India - various issues.

Table 4**Education Expenditure as a percentage of total Revenue expenditure**

States	Primary Education (%)	Secondary Education (%)	Higher Education (%)
Andhra Pradesh	4.9	3.3	2.3
Assam	11.7	6.2	3.4
Bihar	13.9	3.6	3.6
Gujarat	8.6	4.8	1.7
Haryana	6.8	5	3.3
Karnataka	9.9	5.4	2.1
Kerala	7.5	7	3.2
Madhya Pradesh	9.1	2.9	1.8
Maharashtra	9.4	8.4	2.8
Orissa	9.4	3.9	3.1
Punjab	2.4	7.6	1.3
Rajasthan	11	6	1.1
Tamil Nadu	6.7	6.3	1.9
Uttar Pradesh	11.3	4.3	1.4
West Bengal	6.8	7.8	2.4

Source: State Finances, A Study of Budgets, RBI 2010 and Analysis of Budgeted Expenditure on Education, MHRD, Govt of India: Various years

Table 5**Schooling costs for children aged 6-14 years in various states**

States	Private school enrolment (%)	Annual total expenses per student (Rs)	
		Government	Private
Andhra Pradesh	31	574	3260
Assam	6	371	1636
Bihar	18	704	2466
Chhattisgarh	15	317	2039
Delhi	28	1044	5390
Gujarat	22	766	4221
Haryana	47	1043	4372
Himachal Pradesh	19	1709	6273
Jammu & Kashmir	47	1045	3719
Jharkhand	32	502	2932
Karnataka	28	638	3848
Kerala	31	1537	3259
Madhya Pradesh	27	333	1935
Maharashtra, Goa	20	599	2370
North- East	34	1441	4237
Orissa	8	612	2851
Punjab	52	1444	5160
Rajasthan	32	676	2612
Tamil Nadu	23	606	3811
Uttar Pradesh	43	427	1733
Uttarakhand	27	972	3422
West Bengal	10	1136	5045
All- India	28	688	2920

Source: Human Development in India, challenges for a society in transition, OUP 2010, page 84