APPENDIX XXVIII A - RECENT DEVELOPMENTS IN EDUCATION ARRANGED IN RANK ORDER, BASED ON THE AWARENESS OF B.Ed. STUDENTS OF THE MADRAS UNIVERSITY

Sr. No.	No.in SARDE	Recent Developments - Item Statements	Weighted Mean Awareness	Rank Status
(1)	(2)	(3)	(4)	(5)
1.	1.5	Free and Compulsory Primary Education	3.48	1
2.	6.12	Internal Assessment	3.34	2
3.	9.1	The University Education Commission Report (Dr.S.Radhakrishnan) 1949	3.31	3
4.	1.4	National structure and pattern of education (10+2+3)	3.29	4.5
5.	9.3	Indian Education Commission Report entitled "Education and National Development" (Dr.D.S.Kothari) 1964-66	3.29	4.5
6.	8.08	Community and Social Service by college students	3.28	6
7.	6.06	Objective-type tests	3.18	7
8.	8.11	Parent Teacher Association	3.17	8
9.	5.21	Teaching Models	3.15	9
10.	8.07	Book Banks in schools and colleges	3.13	11.5
11.	8.10	Mid-day Meals Scheme	3.13	11.5
12.	4.07	Nationalisation of school text-books	3.13	11.5
13.	7.8	The Three Language formula	3.13	11.5
14.	7.1	Compulsory physical and health education	3.10	14
15.	4.14	Semester System of course organisation	3.09	15

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(1)	(2)	(3)	(4)	(5)
16.	2.01	In-service education and training of teachers	3.08	16.5
17.	7.4	Nutrition education	3.08	16.5
18.	5.03	Demonstration method	3.07	18
19.	7.6	Work-experience in school education	3.03	19
20.	5.20	Microteaching	2.99	20
21.	8.04	Correspondence education (own-time education)	2.97	21.5
22.	8.05	Evening College courses (part-time Education)	2.97	21.5
23.	10.1	Planning for equalisation of educational opportunity	2.93	23
24.	8.1	Equality of educational opportunity and education of the disadvantaged sections of the people	2.92	24
25.	7.7	Vocationalisation of higher secondary education	2.90	25
26.	12.13	University Grants Commission (UGC)	2.89	26.5
27.	3.4	Classroom climate	2.89	26.5
28.	3.3	Guidance and counselling	2.87	28
29.	6.07	Structured essay-type questions	2.83	29
30.	10.2	Planning for higher secondary education	2.81	30
31.	11.1	Work-book for students	2.76	31.5
32.	6,08	Diagnostic tests	2.76	31.5
33.	5.02	A.I.R.Programme use in schools	2.75	33
34.	2.02	Summer Institutes for teachers	2.74	34
35.	8.02	Non-formal education	2.73	35.5
36.	3.2	Achievement motivation	2.73	35.5

3

(1)	(2)	(3)	(4)	(5)
37.	7.5	Population education	2.66	37
38.	4.11	Central Kitchen for Mid-day Meals Programme	2.62	38
39.	2.6	Evaluation of teaching	2.61	39
40.	6.09	Unit tests	2.58	41.5
41.	5.15	Educational games	2.58	41.5
42.	5.09	Independent study	2.58	41.5
43.	8.12	School Improvement Projects through community support	2.58	41.5
44.	5.10	Activity based method of teaching and learning	2.57	45
45.	6.11	Progressive and cumulative assessment	2.57	45
46.	6.18	Awarding grades (either independently or based on percentages)	2.57	45
47.	2.10	Teacher-aides	2.56	47
48.	12.11	National Council of Educational Research and Training (NCERT), New Delhi	2.49	48
49.	4.08	Shift System for schools	2.47	49
50.	7.3	Integrated curriculum	2.46	50
51.	6.02	Objectives-based testing and examining	2.44	51
52.	6.05	Improved Question Paper construction	2.41	52
53.	5.05	Overhead Projector	2.40	53
54.	7.2	UNESCO-UNICEF Science	2.33	54
55.	6.13	Question/Item Banking	2.31	55
56.	2.03	Action research by teachers	2.30	56
57.	6.15	Increased objectivity in marking answer-scripts by using a scoring key, etc.	2.29	57
58.	6.14	Central valuation of examination answer-scripts	2.27	58

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(1)	(2)	(3)	(4)	(5)
59.	12.07	Regional Colleges of Education	2.26	59.5
60.	5.17	Open-shelf library (open-access)	2.26	59.5
61.	12.01	State Council of Educational Research & Training (SCERT), Madras	2.25	61
62.	1.8	NCERT's National Science Talent Search Scheme	2.24	62
63.	11.2	Programmed texts	2.22	63
64.	5.04	Educational Television (ETV)	2.21	64
65.	6.19	Use of the technique of scaling of marks	2.20	65
66.	4.12	Autonomous status to certain colleges	2.19	66
67.	5.12	Remedial teaching	2.16	67
68.	6.10	Open-book examinations	2.15	68
69.	1.3	Secular nature of education in the public schools of India	2.14	69
70.	5.11	Discovery Learning	2.12	70
71.	2.07	Panel Inspection of Schools in Tamil Nadu	2.11	71
72.	1.6	NCERT's National Talent Search Scheme	2.10	72.5
73.	3.1	Flexible grouping of pupils	2.10	72.5
74.	5.22	Team teaching	2.08	75.5
75.	6.20	Use of standard scores	2.08	75.5
76.	12.02	The State Institutes of Education	2.08	75.5
77.	12.05	Technical Teachers' Training Institute (Southern Region, Madras)	2.08	75.5
78.	5.16	Programmed Instruction	2.07	78
79.	8.9	Open University	2.04	79
80.	5.1	Mobile Science Laboratory for schools	2.02	80

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(1)	(2)	(3)	(4)	(5)
81.	2.4	National Programme of Seminar Readings for teachers and teacher-educators by the NCERT	2.01	81.5
82.	4.15	Mixed-ability grouping of pupils	2.01	81.5
83.	10.7	Educational Survey	2.00	84
84.	8.6	Functional Literacy Programme	2.00	84
85.	4.10	Flexible Scheduling of School Work	2.00	84
86.	6.16	Course evaluation	1.97	86
87.	8.3	Lifelong integrated education	1.94	87
88.	5.13	Resources-based teaching and learning	1.91	88
89.	4.05	Quality-control in education	1.87	89
90.	5.19	Panel Discussion	1.86	90
91.	12.06	Regional Institute of English, (Southern Region), Madras	1.85	91.5
92.	12.10	Kendriya Vidyalaya Sangathan	1.85	91.5
93.	4.02	Human relations and communications in management	1.81	93.5
94.	4.09	The School Complex Programme	1.81	93.5
95.	10.06	Economics of Education	1.77	95
96.	2.09	Teachers' Centre (like the one in SCERT, Madras)	1.76	96
97.	1.2	Education being placed in the concurrent list of the Constitution,1976	1.75	97
98.	12.04	Examination Reform Units in select Universities	1.73	98
99.	1.7	NCERT's National Rural Talent Search Scheme	1.67	99.5
100.	10.3	Planning a multiple-entry and exit system if education	1.67	99.5
101.	10.5	Institutional Planning	1.65	101

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(1)	(2)	(3)	(4)	(5)
102.	1.1	National Policy on Education, 1968	1.64	102
103.	6.17	Course evaluation	1.63	103
104.	9.2	Report of the Committee on Rural Higher Education (Dr.K.L.Shrimali)	1.60	104
105.	12.12	Indian Council of Social Science Research (ICSSR), New Delhi	1.59	105
106.	4.03	Assessment of organisational climate of educational institutions	1.58	106.5
107.	4.04	College complex	1.58	106.5
108.	5.06	Language Laboratory	1.57	108.5
109.	12.09	Central Institute of English, Hyderabad	1.57	108.5
110.	12.14	Association of Indian Universities, New Delhi	1.51	110.5
111.	10.4	Manpower Planning	1.51	110.5
112.	4.13	Decision-making in educational management	1.50	112
113.	2.05	Experimental and developmental projects by teachers, supported ~~by~~ with the NCERT funds	1.49	113.5
114.	4.01	Educational management by objectives	1.49	113.5
115.	2.08	Professional autonomy of teachers	1.47	115
116.	12.08	Rural Higher Institutes	1.45	116
117.	12.03	The State Evaluation Units	1.42	117
118.	5.08	Teaching Machine	1.36	118
119.	12.15	UNESCO Regional Office for Education in Asia, Bangkok	1.33	119
120.	4.06	Management of educational innovations	1.29	120
121.	5.07	Closed-circuit Television for educational use	1.28	121.5

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(1)	(2)	(3)	(4)	(5)
122.	6.03	Criterion-referenced testing and examining	1.28	121.5
123.	5.18	Brain-storming	1.24	123
124.	6.04	Taxonomy of Educational objectives (B.S.Bloom, et al.)	1.19	124
125.	5.14	Simulation	1.17	125
126.	11.3	Taxonomy of Educational objectives Vol.I (Cognitive Domain) (Bloom, et al.), Longmans, 1958	1.07	126
127.	3.5	Ned Flanders' Interaction Analysis	1.04	127
128.	6.01	Concepts of formative and summative evaluation (B.S.Bloom)	1.02	128
129.	11.4	Taxonomy of Educational objectives Vol.II (Affective Domain) (David R. Krathwohl, et al.), Longmans, 1964	0.96	129
130.	9.4	Plowden Committee Report on 'Children and their Primary Schools', HMSO, 1967.	0.89	130

APPENDIX XXVIII B - RECENT DEVELOPMENTS IN EDUCATION ARRANGED IN RANK ORDER, BASED ON THE AWARENESS OF M.Ed. STUDENTS OF THE MADRAS UNIVERSITY

Sr. No.	No.in SARDE	Recent Developments - Item Statements	Weight -ed Mean Aware-ness	Rank Status
(1)	(2)	(3)	(4)	(5)
1.	1.5	Free and Compulsory Primary Education	3.44	1
2.	8.11	Parent Teacher Association	3.43	2
3.	8.08	Community and Social Service by college students	3.38	3
4.	2.01	Inservice education and training of teachers	3.37	4
5.	1.4	National structure and pattern of education (10+ 2 + 3)	3.28	5
6.	7.7	Vocationalisation of higher secondary education	3.25	6
7.	8.5	Evening college courses (part-time education)	3.22	7
8.	7.6	Work-experience in school education	3.20	8
9.	5.21	Teaching models	3.18	9
10.	7.8	The three language formula	3.15	10
11.	5.02	A.I.R.Programme use in schools	3.12	11
12.	7.5	Population Education	3.11	13
13.	2.02	Summer Institutes for teachers	3.11	13
14.	8.01	Equality of educational opportunity and education of the disadvantaged section of the people	3.11	13
15.	8.10	Mid-day Meals Scheme	3.10	15.5
16.	5.3	Demonstration method	3.10	15.5
17.	8.02	Non-formal education	3.08	17.5

2

(1)	(2)	(3)	(4)	(5)
18.	6.14	Central valuation of Examination answer-scripts	3.08	17.5
19.	4.14	Semester system of course organization	3.07	19.5
20.	6.12	Internal assessment	3.07	19.5
21.	7.1	Compulsory physical and health education	3.06	21
22.	8.7	Book Banks in Schools and Colleges	3.02	22
23.	6.6	Objective-type tests	3.01	23
24.	12.01	State Council of Educational Research and Training (SCERT),Madras	3.00	24
25.	9.1	The University Education Commission Report (Dr.S.Radhakrishnan) 1949	2.96	26
26.	4.07	Nationalisation of school text-books	2.96	26
27.	12.11	National Council of Educational Research and Training (NCERT), New Delhi	2.96	26
28.	5.20	Microteaching	2.93	28
29.	5.16	Programmed Instruction	2.92	29
30.	2.07	Panel Inspection of Schools in Tamil Nadu	2.90	30
31.	8.9	Open University	2.88	31
32.	9.3	Indian Education Commission Report	2.85	32
33.	4.08	Shift System for Schools	2.84	33
34.	12.07	Regional Colleges of Education	2.81	34.5
35.	8.4	Correspondence education (own-time education)	2.81	34.5
36.	3.3	Guidance and counselling	2.79	37
37.	5.01	Mobile Science Laboratory for Schools	2.79	37
38.	6.8	Diagnostic tests	2.79	37

3

(1)	(2)	(3)	(4)	(5)
39.	12.02	The State Institutes of Education	2.78	39
40.	5.10	Activity-based method of teaching and learning	2.77	40
41.	2.06	Evaluation of Teaching	2.76	41
42.	10.2	Planning for higher secondary education	2.74	42
43.	4.09	The School Complex programme	2.74	43
44.	5.9	Independent study	2.73	44.5
45.	8.12	School Improvement Projects through community support	2.73	44.5
46.	6.13	Question/Item Banking	2.70	46
47.	3.4	Classroom climate	2.69	47
48.	6.18	Awarding grades (either independently or based on percentages)	2.63	48
49.	12.13	University Grants Commission (UGC)	2.62	49
50.	11.1	Work-book for students	2.60	50
51.	2.03	Action Research by Teachers	2.59	51
52.	6.7	Structured essay type questions	2.58	52
53.	6.16	Comparmentalisation of examination	2.57	53.5
54.	4.11	Central Kitchen for Mid-day Meals programme	2.57	53.5
55.	5.15	Educational games	2.56	55.5
56.	10.1	Planning for equalisation of educational opportunity	2.56	55.5
57.	12.06	Regional Institute of English, Southern Region, Bangalore	2.53	57
58.	5.12	Remedial Teaching	2.51	58
59.	6.09	Unit tests	2.49	59
60.	7.4	Nutrition education	2.48	60

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(1)	(2)	(3)	(4)	(5)
61.	6.05	Improved Question Paper construction	2.45	61.5
62.	6.02	Objectives based testing and examining	2.45	61.5
63.	2.10	Teacher-aides	2.43	63
64.	5.08	Teaching Machine	2.42	64.5
65.	8.6	Functional Literacy Programme	2.42	64.5
66.	3.5	Ned Flanders' Interaction Analysis	2.39	66.5
67.	5.19	Panel Discussion	2.39	66.5
68.	6.11	Progressive and cumulative assessment	2.38	68
69.	4.12	Autonomous status to certain colleges	2.37	69.5
70.	11.2	Programmed texts	2.37	69.5
71.	3.2	Achievement motivation	2.35	71
72.	7.2	UNESCO-UNICEF Science	2.32	72
73.	10.7	Educational Survey	2.31	73
74.	5.12	Remedial Teaching	2.27	74
75.	1.3	Secular nature of education in the public schools of India	2.24	75
76.	12.05	Technical Teachers' Training Institute (Southern Region), Madras	2.21	76
77.	12.09	Central Institute of English, Hyderabad	2.20	77
78.	7.3	Integrated curriculum	2.19	78
79.	6.15	Increased objectivity in marking answer-scripts by using a scoring key, etc.	2.18	79.5
80.	5.17	Open-shelf library (open access)	2.18	79.5
81.	1.6	NCERT's National Talent Search Scheme	2.16	81
82.	6.19	Use of the technique of Scaling of Marks	2.15	82

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(1)	(2)	(3)	(4)	(5)
83.	1.8	NCERT's National Science Talent Search Scheme	2.13	83.5
84.	2.09	Teachers' Centre (like the one in SCERT, Madras)	2.13	83.5
85.	6.10	Open-book examinations	2.12	85
86.	6.20	Use of Standard Scores	2.11	86
87.	5.04	Educational Television (ETV)	2.08	87
88.	2.04	National Programme of seminar readings for teachers and teacher-educators by the NCERT	2.06	88
89.	1.1	National policy on Education, 1968	2.02	89
90.	4.10	Flexible scheduling of school work	1.97	90
91.	5.05	Overhead Projector	1.95	91
92.	8.3	Lifelong integrated education	1.94	92
93.	5.13	Resources-based teaching and learning	1.93	93
94.	12.03	The State Evaluation Units	1.92	94
95.	2.05	Experimental and developmental projects by teachers, supported with the NCERT funds	1.86	95
96.	1.2	Education being placed in the concurrent list of the Constitution, 1976	1.85	96
97.	4.15	Mixed-ability grouping of pupils	1.83	97
98.	6.1	Concepts of formative and summative evaluation (B.S.Bloom)	1.77	98
99.	10.4	Manpower planning	1.76	99.5
100.	5.11	Discovery Learning	1.76	99.5
101.	12.12	Indian Council of Social Science Research (ICSSR), New Delhi	1.75	101.5
102.	10.5	Institutional planning	1.75	101.5
103.	10.3	Planning a multiple-entry and exist system of education	1.74	103

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(1)	(2)	(3)	(4)	(5)
104.	5.7	Closed-circuit Television for Educational use	1.72	105
105.	4.06	Management of educational innovations	1.72	105
106.	3.1	Flexible grouping of pupils	1.72	105
107.	5.06	Language Laboratory	1.71	107.5
108.	4.04	College Complex	1.71	107.5
109.	4.05	Quality Control in education	1.70	109.5
110.	12.10	Kendriya Vidyalaya Sangathan	1.70	109.5
111.	9.2	Report of the Committee on Rural Higher Education	1.67	111
112.	6.17	Course evaluation	1.66	112
113.	1.7	NCERT's National Rural Talent Search Scheme	1.64	113
114.	4.03	Assessment of organizational Climate	1.63	114
115.	10.6	Economics of Education	1.60	115
116.	5.14	Simulation	1.58	116
117.	4.13	Decision-making in education	1.50	117
118.	11.3	Taxonomy of Educational objectives Vol.I (Cognitive Domain)(Bloom,et al.)	1.49	118
119.	6.04	Taxonomies of Educational objectives (B.S.Bloom, et al.)	1.48	119
120.	5.18	Brain-storming	1.47	120
121.	12.04	Examination Reform Units in select Universities	1.46	121
122.	4.02	Human relations and communications in management	1.38	122
123.	11.4	Taxonomy of Educational objectives Vol.II (Affective Domain)(David R. Krothwohl, et al.) 1964	1.35	123

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(1)	(2)	(3)	(4)	(5)
124.	2.08	Professional autonomy of teachers	1.34	124
125.	12.14	Association of Indian Universities, New Delhi	1.31	125
126.	12.15	UNESCO Regional Office for Education in Asia, Bangkok	1.28	126
127.	4.01	Educational management by objectives	1.26	127
128.	12.08	Rural Higher Institutes	1.24	128
129.	6.03	Criterion-referenced testing and examining	1.18	129
130.	9.4	Plowden Committee Report on "Children and their primary schools", HMSO, 1967	1.02	130