

APPENDIX XIX - ITEM-WISE PERFORMANCE OF THE UPPER AND LOWER GROUPS OF B.Ed. STUDENTS AT THE PILOT TEST ON KNOWLEDGE OF RECENT DEVELOPMENTS IN EDUCATION AND VALIDITY INDICES OF ITEMS

Test Item		Performance in the upper Group 74 students					Performance in the lower Group 74 students							
No.		No. of students choosing	To omit the item	To omit the item	Proportion of students correct*		No. of students choosing	To omit the item	To omit the item	Proportion of students correct*	Validity Index			
		a	b	c	d		a	b	c	d				
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.		19	13	40	2	0	0.39	13	14	46	00	1	0.51	-0.13
2.		14	3	22	33	2	0.28	18	11	21	23	1	0.09	0.30
3.		9	14	17	33	1	-0.08	15	16	21	22	0	-0.04	xx
4.		26	12	28	4	4	0.20	22	23	20	9	0	0.03	0.41
5.		7	61	3	3	0	0.77	10	45	11	8	0	0.48	0.32
6.		32	9	25	6	2	0.13	36	7	24	7	0	0.10	0.06
7.		0	8	60	6	0	0.75	4	15	44	11	0	0.46	0.31
8.		1	9	37	27	0	0.33	3	10	22	31	1	0.20	0.18

Note: (1) * after the application of correction for chance success.
 (2) The underlined numbers represent the number of students making the correct answer.
 (3) xx marks in Col.(14) represent that the item Validity Index was negative and the actual value was not computed.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
9.	14	17	3	40	0	-0.03	16	15	3	40	0	-0.06	xx
10.	2	10	49	13	0	0.55	5	11	38	19	1	0.36	0.20
11.	18	0	40	14	2	0.00	7	1	42	24	0	-0.21	xx
12.	33	5	3	30	3	0.29	23	6	13	32	0	0.08	0.35
13.	55	9	0	9	1	0.67	43	11	1	19	0	0.44	0.24
14.	34	21	4	14	1	0.29	14	22	10	28	0	-0.08	xx
15.	33	4	6	31	0	0.23	35	5	13	21	0	0.05	0.36
16.	3	3	59	9	0	0.73	8	11	48	7	0	0.53	0.20
17.	32	35	3	4	0	0.24	22	29	7	16	0	0.06	0.33
18.	6	5	59	4	0	-0.23	8	9	49	8	0	-0.19	xx
19.	8	8	10	47	1	0.53	17	13	17	27	0	0.15	0.43
20.	14	7	20	30	3	-0.20	12	5	24	32	1	-0.24	xx
21.	12	11	7	43	1	0.45	12	23	6	32	1	0.25	0.22
22.	11	14	41	8	0	-0.19	16	23	31	4	0	-0.26	xx
23.	1	5	16	52	0	0.60	1	5	20	47	1	0.53	0.06
24.	12	6	3	46	0	0.01	14	22	8	30	0	-0.08	xx
25.	1	68	4	1	0	0.89	3	57	9	6	0	0.69	0.29

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
26.	0	14	<u>59</u>	1	0	0.73	0	38	<u>30</u>	5	1	0.21	0.52
27.	6	<u>11</u>	8	49	0	-0.14	14	<u>2</u>	18	33	0	-0.17	xx
28.	<u>19</u>	3	8	44	0	0.01	<u>15</u>	12	9	38	0	-0.06	xx
29.	2	2	<u>70</u>	0	0	0.98	8	6	<u>51</u>	9	0	0.59	0.47
30.	<u>33</u>	33	5	1	2	0.28	<u>24</u>	34	13	3	0	0.10	0.28
31.	15	<u>12</u>	3	39	5	-0.10	31	<u>21</u>	2	19	1	0.05	xx
32.	<u>36</u>	0	35	3	0	0.32	<u>36</u>	1	30	7	0	0.32	0.00
33.	7	<u>60</u>	4	3	0	0.75	17	<u>45</u>	3	9	0	0.48	0.29
34.	3	<u>58</u>	11	0	2	0.74	12	<u>27</u>	26	9	0	0.15	0.59
35.	4	10	6	<u>52</u>	2	0.63	16	19	17	<u>22</u>	0	0.11	0.57
36.	<u>53</u>	0	4	16	1	0.63	31	5	11	27	0	0.23	0.42
37.	<u>50</u>	9	7	8	0	0.57	<u>28</u>	18	8	20	0	0.17	0.43
38.	20	14	<u>29</u>	9	2	0.20	21	20	<u>27</u>	6	0	0.15	0.09
39.	21	6	<u>31</u>	15	1	0.38	28	11	<u>16</u>	19	0	-0.05	xx
40.	1	<u>44</u>	3	26	0	0.46	3	<u>29</u>	6	36	0	0.19	0.31
41.	22	3	3	45	1	0.49	38	0	3	<u>33</u>	0	0.26	0.25
42.	11	<u>43</u>	17	2	11	0.45	17	<u>28</u>	26	3	0	0.17	0.32

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
43.	<u>64</u>	7	0	3	0	0.82	<u>48</u>	16	1	9	0	0.53	0.33
44.	<u>24</u>	43	0	7	0	0.10	<u>12</u>	42	2	18	0	-0.12	xx
45.	6	<u>54</u>	11	3	0	0.64	9	<u>24</u>	31	10	0	0.10	0.59
46.	18	3	<u>45</u>	7	1	0.49	15	8	<u>23</u>	28	0	0.08	0.51
47.	4	30	0	<u>39</u>	1	0.38	11	42	5	<u>16</u>	0	-0.05	xx
48.	0	18	11	<u>44</u>	1	0.47	2	28	19	<u>25</u>	0	0.12	0.42
49.	0	<u>54</u>	7	11	2	0.67	11	<u>31</u>	13	18	1	0.23	0.45
50.	<u>41</u>	7	8	18	0	0.41	<u>30</u>	16	15	13	0	0.21	0.23
51.	9	3	4	<u>58</u>	0	0.71	14	6	3	<u>51</u>	0	0.59	0.13
52.	<u>34</u>	10	8	21	1	0.29	<u>19</u>	13	16	26	0	0.01	0.58
53.	4	7	<u>58</u>	5	0	0.71	13	6	<u>43</u>	12	0	0.44	0.28
54.	29	<u>14</u>	3	21	7	-0.05	42	<u>10</u>	3	17	<u>22</u>	-0.15	xx
55.	25	8	5	<u>36</u>	0	0.32	37	9	12	<u>16</u>	0	-0.05	xx
56.	6	5	<u>58</u>	5	0	0.71	15	9	<u>38</u>	11	1	0.36	0.36
57.	22	8	15	<u>27</u>	2	0.17	14	16	10	<u>33</u>	1	0.27	-0.13
58.	9	<u>10</u>	26	28	1	-0.15	9	<u>91</u>	40	16	0	-0.17	xx
59.	<u>30</u>	14	23	5	2	0.22	<u>25</u>	6	31	12	0	0.12	0.21

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
60.	<u>22</u>	2	39	4	0	0.19	<u>22</u>	3	40	9	0	0.06	0.27
61.	1	<u>52</u>	21	0	0	0.60	14	<u>34</u>	21	5	0	0.28	0.33
62.	<u>50</u>	2	7	15	0	0.57	<u>27</u>	0	18	29	0	0.15	0.46
63.	6	37	<u>11</u>	20	0	-0.14	16	28	<u>16</u>	14	0	-0.09	xx
64.	<u>48</u>	3	17	5	1	0.54	<u>24</u>	10	26	11	3	0.12	0.48
65.	<u>34</u>	<u>20</u>	13	6	1	0.28	<u>23</u>	26	16	8	1	0.08	0.26
66.	<u>33</u>	7	20	11	3	0.29	<u>27</u>	15	17	15	0	0.15	0.20
67.	<u>67</u>	4	1	1	1	0.89	<u>59</u>	2	5	8	0	0.73	0.25
68.	3	5	9	<u>57</u>	0	0.69	7	8	11	<u>48</u>	0	0.53	0.17
69.	23	10	3	<u>38</u>	0	0.35	38	13	10	<u>12</u>	1	-0.11	xx
70.	31	<u>21</u>	12	5	5	0.07	26	22	<u>18</u>	8	0	0.06	0.02
71.	23	17	<u>28</u>	5	1	0.18	26	25	<u>17</u>	6	0	-0.03	xx
72.	<u>39</u>	21	9	5	0	0.37	<u>26</u>	27	11	10	0	0.14	0.30
73.	33	<u>27</u>	9	5	0	0.15	24	<u>15</u>	22	12	1	-0.06	xx
74.	9	<u>46</u>	13	6	0	0.50	12	<u>30</u>	15	17	0	0.21	0.32
75.	2	<u>59</u>	9	3	1	0.74	7	<u>30</u>	24	13	0	0.21	0.53

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
76.	5	<u>23</u>	20	26	0	0.08	1	<u>26</u>	13	34	0	0.14	-0.13
77.	<u>36</u>	30	3	5	0	0.32	<u>14</u>	41	10	6	3	-0.07	xx
78.	22	21	2	29	0	-0.30	20	<u>31</u>	<u>6</u>	<u>16</u>	1	-0.22	xx
79.	27	0	<u>26</u>	21	0	0.14	25	6	<u>27</u>	14	2	0.16	-0.04
80.	6	42	<u>19</u>	6	1	0.01	4	47	<u>18</u>	3	2	0.00	0.00
81.	7	32	4	<u>30</u>	1	-0.21	13	15	8	<u>38</u>	0	0.35	-0.17
82.	19	10	<u>13</u>	31	1	-0.10	20	15	<u>6</u>	33	0	-0.23	xx
83.	<u>57</u>	2	10	5	0	0.69	<u>51</u>	4	13	6	0	0.63	0.07
84.	<u>28</u>	16	12	18	0	0.19	<u>12</u>	17	20	23	2	-0.11	xx
85.	<u>61</u>	7	5	1	0	0.76	<u>30</u>	17	23	2	2	0.22	0.54
86.	2	13	<u>54</u>	5	0	0.59	4	36	<u>29</u>	5	0	0.19	0.43
87.	22	<u>32</u>	20	0	0	0.24	37	<u>16</u>	20	1	0	-0.05	xx
88.	35	4	4	<u>31</u>	0	0.23	43	8	4	<u>19</u>	0	0.01	0.52
89.	9	23	<u>41</u>	1	0	0.41	13	29	<u>26</u>	6	0	0.14	0.33
90.	1	0	11	<u>61</u>	1	0.78	5	1	18	<u>50</u>	0	0.57	0.24
91.	3	3	6	<u>61</u>	1	0.78	6	3	20	<u>44</u>	1	0.46	0.34

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
92.	2	11	<u>58</u>	3	0	0.71	6	4	<u>45</u>	18	1	0.43	0.25
93.	<u>47</u>	4	19	3	1	0.53	<u>61</u>	4	2	7	0	0.77	-0.27
94.	2	<u>25</u>	16	31	0	0.12	4	<u>14</u>	<u>26</u>	30	0	-0.08	xx
95.	8	37	1	<u>28</u>	0	0.17	10	37	8	<u>19</u>	0	0.01	0.47
96.	<u>66</u>	1	3	4	0	0.86	<u>49</u>	7	11	6	1	0.56	0.36
97.	17	4	<u>3</u>	49	1	0.56	30	4	8	<u>32</u>	0	0.24	0.34
98.	<u>68</u>	1	3	2	0	0.89	60	4	5	5	0	0.88	0.00
99.	2	27	<u>44</u>	1	0	0.46	8	42	<u>21</u>	2	1	0.09	0.47