

APPENDIX XXI - THE RESULTS OF ITEM ANALYSIS FOR THE PRE-TESTING OF THE PILOT TEST ON KNOWLEDGE OF RECENT DEVELOPMENTS IN EDUCATION WITH A SAMPLE OF 274 B.Ed. STUDENTS

| Test Item No. | The Item No. it represents in List II of RDE | Difficulty Index | Validity Index | Item Status and Decision                                             | Progressive Total of Items Selected |
|---------------|----------------------------------------------|------------------|----------------|----------------------------------------------------------------------|-------------------------------------|
| (1)           | (2)                                          | (3)              | (4)            | (5)                                                                  | (6)                                 |
| 1.            | 1.1                                          | 0.38             | -0.13          | Poor item but essential-Modified-Retained                            | 1                                   |
| 2.            | 1.2                                          | 0.22             | 0.30           | Good item - Retained                                                 | 2                                   |
| 3.            | 1.2                                          | -0.06            | xx             | Duplicate, Ineffective item - Dropped                                | 2                                   |
| 4.            | 1.3                                          | 0.13             | 0.41           | Effective item - Retained                                            | 3                                   |
| 5.            | 1.3                                          | 0.54             | 0.32           | Effective but duplicate item - Dropped                               | 3                                   |
| 6.            | 1.4                                          | 0.06             | 0.06           | Item 7 being better item - Retained and item 6 a duplicate - Dropped | 4                                   |
| 7.            | 1.4                                          | 0.60             | 0.31           |                                                                      |                                     |
| 8.            | 1.5                                          | 0.28             | 0.18           | Effective item - Retained                                            | 5                                   |
| 9.            | 1.5                                          | -0.10            | xx             | Poor duplicate item - Dropped                                        | 5                                   |
| 10.           | 1.6                                          | 0.43             | 0.20           | Effective item - retained                                            | 6                                   |
| 11.           | 1.6                                          | -0.13            | xx             | Poor duplicate item - Dropped                                        | 6                                   |
| 12.           | 1.7                                          | 0.18             | 0.35           | Effective item - Retained                                            | 7                                   |
| 13.           | 1.8                                          | 0.52             | 0.24           | Effective item - Retained                                            | 8                                   |

| (1) | (2)  | (3)   | (4)  | (5)                                           | (6) |
|-----|------|-------|------|-----------------------------------------------|-----|
| 14. | 1.8  | 0.17  | xx   | Poor duplicate item<br>- Dropped              | 8   |
| 15. | 2.01 | 0.21  | 0.36 | Effective item -<br>Retained                  | 9   |
| 16. | 2.01 | 0.64  | 0.20 | Good but duplicate<br>item - Dropped          | 9   |
| 17. | 2.02 | 0.08  | 0.33 | Satisfactory item -<br>Retained               | 10  |
| 18. | 2.02 | -0.26 | xx   | Unsatisfactory dupli-<br>cate item - Dropped  | 10  |
| 19. | 2.03 | 0.29  | 0.43 | Effective item -<br>Retained                  | 11  |
| 20. | 2.01 | -0.22 | xx   | Poor triplicate item<br>- Dropped             | 11  |
| 21. | 2.01 | 0.36  | 0.22 | Good but quadruplicate<br>item - Dropped      | 11  |
| 22. | 2.06 | -0.20 | xx   | Item 23 being better<br>item - Retained and   | 12  |
| 23. | 2.06 | 0.55  | 0.06 | Item 22 poor dupli-<br>cate item - Dropped    |     |
| 24. | 3.4  | -0.05 | xx   | Between the two items,<br>Item 25 - Retained  | 13  |
| 25. | 3.4  | 0.77  | 0.29 | and Item 24 being poor<br>duplicate - Dropped |     |
| 26. | 3.5  | 0.39  | 0.52 | Effective item -<br>Retained                  | 14  |
| 27. | 3.5  | -0.11 | xx   | Unsatisfactory dupli-<br>cate item - Dropped  | 14  |
| 28. | 3.6  | -0.06 | xx   | Between the two items<br>29 - Retained and    | 15  |
| 29. | 3.6  | 0.77  | 0.47 | Item 28 poor dupli-<br>cate - Dropped         |     |
| 30. | 3.7  | 0.16  | 0.28 | Effective item -<br>Retained                  | 16  |
| 31. | 3.7  | -0.07 | xx   | Unsatisfactory dupli-<br>cate item - Dropped  | 16  |

| (1) | (2)  | (3)  | (4)  | (5)                                                    | (6) |
|-----|------|------|------|--------------------------------------------------------|-----|
| 32. | 4.13 | 0.26 | 0.00 | Between the two items,<br>Item 33 better - Retained 17 |     |
| 33. | 4.13 | 0.62 | 0.29 | Item 32 duplicate -<br>Dropped                         |     |
| 34. | 4.15 | 0.43 | 0.59 | Effective item - Retained 18                           |     |
| 35. | 4.15 | 0.30 | 0.57 | Good but duplicate item -<br>Dropped                   | 18  |
| 36. | 4.20 | 0.45 | 0.42 | Effective item - Retained 19                           |     |
| 37. | 4.20 | 0.42 | 0.43 | Effective but duplicate<br>item - Dropped              | 19  |
| 38. | 4.21 | 0.14 | 0.09 | Satisfactory item -<br>Retained                        | 20  |
| 39. | 4.21 | 0.13 | xx   | Unsatisfactory duplicate<br>item - Dropped             | 20  |
| 40. | 5.01 | 0.39 | 0.31 | Effective item - Retained 21                           |     |
| 41. | 5.01 | 0.23 | 0.25 | Effective but duplicate<br>item - Dropped              | 21  |
| 42. | 5.02 | 0.25 | 0.32 | Effective item - Retained 22                           |     |
| 43. | 5.03 | 0.67 | 0.33 | Effective item - Retained 23                           |     |
| 44. | 5.04 | 0.00 | xx   | Poor but essential -<br>Modified - Retained            | 24  |
| 45. | 5.11 | 0.40 | 0.59 | Effective item - Retained 25                           |     |
| 46. | 5.11 | 0.25 | 0.51 | Good but duplicate item -<br>Dropped                   | 25  |
| 47. | 5.12 | 0.18 | xx   | Essential, Modified -<br>Retained                      | 26  |
| 48. | 5.13 | 0.28 | 0.42 | Effective item - Retained 27                           |     |
| 49. | 5.14 | 0.48 | 0.45 | Effective item - Retained 28                           |     |
| 50. | 5.15 | 0.28 | 0.23 | Good item - Retained 29                                |     |
| 51. | 5.17 | 0.61 | 0.13 | Good item - Retained 30                                |     |
| 52. | 5.18 | 0.12 | 0.58 | Good item - Retained 31                                |     |

| (1) | (2)  | (3)   | (4)   | (5)                                               | (6) |
|-----|------|-------|-------|---------------------------------------------------|-----|
| 53. | 5.19 | 0.65  | 0.28  | Effective item - Retained                         | 32  |
| 54. | 5.23 | 0.07  | xx    | Between the two poor items,                       | 33  |
| 55. | 5.23 | 0.13  | xx    | Item 55 was modified - Retained - Item 54 Dropped |     |
| 56. | 5.24 | 0.58  | 0.36  | Effective item - Retained                         | 34  |
| 57. | 5.25 | 0.19  | -0.13 | Modified and Retained                             | 35  |
| 58. | 6.02 | -0.20 | xx    | Poor but essential - Modified - Retained          | 36  |
| 59. | 6.04 | 0.15  | 0.21  | Good item - Retained                              | 37  |
| 60. | 6.05 | 0.08  | 0.27  | Good item - Retained                              | 38  |
| 61. | 6.06 | 0.39  | 0.33  | Effective item - Retained                         | 39  |
| 62. | 6.07 | 0.35  | 0.46  | Effective item - Retained                         | 40  |
| 63. | 6.08 | -0.11 | xx    | Poor but essential - Modified - Retained          | 41  |
| 64. | 6.09 | 0.30  | 0.48  | Effective item - Retained                         | 42  |
| 65. | 6.11 | 0.23  | 0.26  | Good item - Retained                              | 43  |
| 66. | 6.12 | 0.22  | 0.20  | Between the two, Item 67                          | 44  |
| 67. | 6.12 | 0.81  | 0.25  | - Retained and Item 66 - Dropped as a duplicate   |     |
| 68. | 6.13 | 0.63  | 0.17  | Good item - Retained                              | 45  |
| 69. | 6.15 | 0.15  | xx    | Rather poor but essential - Modified - Retained   | 46  |
| 70. | 7.01 | 0.05  | 0.02  | Just satisfactory - Retained                      | 47  |
| 71. | 7.04 | 0.02  | xx    | Rather poor but essential - Modified - Retained   | 48  |
| 72. | 7.05 | 0.27  | 0.30  | Effective item - Retained                         | 49  |
| 73. | 7.06 | 0.14  | xx    | Rather poor but essential - Modified - Retained   | 50  |
| 74. | 7.07 | 0.34  | 0.32  | Good item - Retained                              | 51  |
| 75. | 7.08 | 0.46  | 0.53  | Effective item - Retained                         | 52  |

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| (1) | (2)   | (3)   | (4)   | (5)                                                           | (6) |
|-----|-------|-------|-------|---------------------------------------------------------------|-----|
| 76. | 7.09  | 0.13  | -0.13 | Rather weak but essential -<br>Modified - Retained            | 53  |
| 77. | 8.01  | 0.06  | xx    | Between the two, Item 77 modi-<br>fied and Retained - Dropped | 54  |
| 78. | 8.01  | -0.27 | xx    | Item 78                                                       |     |
| 79. | 8.02  | 0.10  | -0.04 | Between the two, Item 80 modi-<br>fied and Retained - Item 79 | 55  |
| 80. | 8.02  | 0.03  | 0.00  | Dropped                                                       |     |
| 81. | 8.05  | 0.30  | -0.17 | Rather weak - Modified -<br>Retained                          | 56  |
| 82. | 8.06  | -0.14 | xx    | Between the two, item 83<br>Retained - Item 82 poor           | 57  |
| 83. | 8.06  | 0.65  | 0.07  | duplicate - Dropped                                           |     |
| 84. | 8.07  | -0.08 | xx    | Poor - Modified - Retained                                    | 58  |
| 85. | 8.08  | 0.50  | 0.54  | Effective item - Retained                                     | 59  |
| 86. | 8.08  | 0.47  | 0.43  | Good but duplicate item -<br>Dropped                          | 59  |
| 87. | 8.09  | 0.05  | xx    | Between the two, Item 88<br>Retained - Item 87 poor           | 60  |
| 88. | 8.09  | 0.11  | 0.52  | duplicate - Dropped                                           |     |
| 89. | 8.11  | 0.30  | 0.33  | Effective item - Retained                                     | 61  |
| 90. | 8.12  | 0.61  | 0.24  | Effective item - Retained                                     | 62  |
| 91. | 8.13  | 0.61  | 0.34  | Effective item - Retained                                     | 63  |
| 92. | 8.1   | 0.64  | 0.25  | Good item - Retained                                          | 64  |
| 93. | 9.1   | 0.59  | -0.27 | Weak duplicate item - Dropped                                 | 64  |
| 94. | 9.3   | -0.03 | xx    | Weak item - Modified- Retained                                | 65  |
| 95. | 10.02 | 0.16  | 0.47  | Effective item - Retained                                     | 66  |
| 96. | 11.01 | 0.74  | 0.36  | Effective item - Retained                                     | 67  |
| 97. | 12.01 | 0.39  | 0.34  | Good item - Retained                                          | 68  |
| 98. | 12.1  | 0.78  | 0.00  | Weak duplicate - Dropped                                      | 68  |
| 99. | 12.11 | 0.17  | 0.47  | Effective item - Retained                                     | 69  |