

APPENDIX - I

" FACTORS AFFECTING DIFFUSION OF INNOVATIONS IN
SECONDARY SCHOOLS "

About the study :

Constant endeavours are being made by educationists to improve our educational system, by introducing many new ideas, new programmes, new methods and techniques which are called "Educational Innovations". To orient teachers towards new ideas and techniques various inservice courses, seminars, teacher training programmes ^{being} are/organised. But it is a general experience that all the teachers do not come to know about innovations at the same time. Their rate of adoption and reactions to the innovation also differ. Thus we find some teachers more enthusiastic about innovation and they may be called 'innovative teachers'. But what makes them more innovative than their fellow teachers? This questionnaire is designed to find out the factors related to the innovativeness of the teachers. The findings of this study will certainly be helpful in orienting teacher education programme to give more fruitful results. It will help in evolving a strategy so that innovations are implemented successfully.

About the Innovation : "Setting Better Question Paper"

Examination reform movement in Gujarat was started some twenty years back. First step in this reform was introduction of objective type of tests along with the traditional system of examination. This examination reform movement got more strong footing when Gujarat S.S.C. Examination Board started movement for "Setting Better Question Papers". The first workshop for paper setters in this connection ~~of paper-setters~~ was organised by the Board at Surat, Vallabh-Vidyanagar. Uptill now the Board has organised many workshops in different subjects. In all these workshops the paper setters are getting opportunity of considering various interrelated aspects of examination reform in the light of the concept and technique of evaluation. It is on this innovation --- "Setting Better Question Paper" ---- which was started by Gujarat S.S.C. Examination Board your are required to respond.

Apart from the question on "Setting Better Question Papers", there are many more questions where you are requested to respond according to the instruction.

The identity of your name or institution will not be disclosed. The data collected in this study will be used for purposes of research only. Therefore, you are requested to respond to all items freely and frankly.

FACTORS AFFECTING DIFFUSION OF INNOVATIONS
IN SECONDARY SCHOOLS

Q U E S T I O N N A I R E

Instruction : (1) Some statements are given in this questionnaire. For getting necessary information regarding each statement, some alternatives are provided below each statement. Please read each statement carefully and select the alternative which expresses your view correctly. Circle the number of the appropriate response and furnish information where required.

Example : In Politics I am.....

- (1) interested very much1...
- (2) ^{interested} to some extent(2)...
- (3) little interested3...
- (4) not at all interested4...

In the example given above, the person who has answered the statement is interested "to some extent" in Politics. So he has encircled no.2

- (2) In this questionnaire, some blanks are given in order to get the information. In such cases please fill up the blanks by providing adequate information.
- (3) You are requested to read all the questions and write the information required. Your response will be used for research purpose only and be sure it will be kept confidential.

1. For most of the time I have stayed in ...

- 1. rural area.....1....
- 2. urban area.....2....

2. Age : (years)

- 1. below 251....
- 2. 25 - 342....
- 3. 35 - 443....
- 4. 45 - 544....
- 5. 55 and above5....

3. Sex :

- 1. Male1....
- 2. Female.....2....

4. Educational Qualifications :

- 1. Bachelor's degree but not trained.....1....
- 2. Master's degree but not trained.....2....
- 3. Bachelor's degree and trained.....3....
- 4. Master's degree and trained4....
- 5. Bachelor's degree with M.Ed.5....
- 6. Master's degree with M.Ed.6....
- 7. Master's degree with Ph.D.7....
- 8. Any other (please mention).....8....
-

5. I joined as a teacher first in the year _____.

6. My total experience as a teacher is _____ years.

7. I have served in _____ (number) schools before coming to this school.

8. Before coming to teaching profession I served in _____
 _____ (any other job) for _____ (years).

9. I got my training in the year _____.

10. I came to know about the technique of 'Setting better question papers' in _____ (month) _____ (year) for the first time.
11. I first used the improved pattern of question papers (if you have) in _____ (month) _____ (year).
12. The 'programme of improving question papers' could constitute an improvement in educational practices in any school.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
13. I think 'setting better question papers' represents an improvement in educational practices at my school.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
14. I think the programme of improving question papers is unnecessary in our educational system :
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...

15. To me, the programme of improving question papers is one of the worst things to come into our education system :

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little.....4...
5. disagree very much5...

16. Personally, I feel I can adjust to changes in educational practices easily.

1. agree very much..... 1...
2. agree a little2...
3. don't know.....3...
4. disagree a little.....4...
5. disagree very much.....5...

17. If we want to maintain a healthy and stable educational system we must keep it the way it is and resist the temptations to change.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

18. Most changes introduced in the last ten years have contributed very little in improving education in our schools.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

19. I really believe we could have done a much better job or at least done just as well if things hadn't been changed so much in our school.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

20. Generally speaking, I don't like being a teacher.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

21. I like my teaching job in this school.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

22. I am far from satisfied with the school environment here.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

23. I really don't feel secure and relaxed as a teacher in this school.

1. agree very much1...
2. agree a little2...
3. Don't know3...
4. disagree a little4...
5. disagree very much5...

24. I really feel at home in this school as nothing makes me nervous or uneasy.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
25. My principal usually doesn't explain his decisions to me about matters in which I am involved.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
26. He acts on things which may involve me without consulting me first.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
27. He makes me feel at ease when speaking with him.
1. agree very much1...
 2. agree a little2....
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
28. He is friendly to me and I can easily approach him.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...

29. He is usually very warm and understanding when he talks to me.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
30. He gets along with me very well even when there is no official business involved.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
31. The principal refuses to explain his actions to us, teachers.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
32. The principal sometimes acts without consulting teachers first.
1. agree very much1...
 2. agree a little2...
 3. don't agree3...
 4. disagree a little4...
 5. disagree very much5...
33. He makes teachers feel at ease when speaking with him.
1. agree very much1...
 2. agree a little2....
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...

34. He is friendly and can be easily approached by the teachers.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

35. He is usually very warm and understanding when he talks with the teachers.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

36. He mixes with the teachers very well even when there is no official business involved.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

37. Compared to other principals in general, in introducing new ideas and practices in our school, my principal is --

1. good1...
2. above average2...
3. average3...
4. below average4...
5. poor5...

38. My principal is really an honest person.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

39. My principal is a well informed person.

- 1. agree very much1...
- 2. agree a little2....
- 3. don't know3....
- 4. disagree a little4....
- 5. disagree very much5....

40. How often does your principal encourage you in taking up a new programme in the school?

- 1. always1...
- 2. many times2....
- 3. at times3....
- 4. hardly4....
- 5. never5....

41. How often does your principal discuss about educational innovations in staff meetings?

- 1. always1...
- 2. many times2....
- 3. at times3....
- 4. hardly4....
- 5. never5....

42. Compared to the other principals in general my principal is well educated person.

- 1. agree very much1...
- 2. agree a little2....
- 3. don't know3....
- 4. disagree a little4....
- 5. disagree very much5....

43. Compared to the other principals in general my principal is frank.

- 1. agree very much1...
- 2. agree a little2....
- 3. don't know3....
- 4. disagree a little4....
- 5. disagree very much5....

44. Compared to the other principals in general my principal is of introvert type.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

45. My principal is of very authoritative nature.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

How well do you think the principal would agree with the following four statements? (Nos.46,47,48,(49))

46. "Personally, I feel I can adjust to changes easily".

1. he would agree very much1...
2. he would agree a little2...
3. he would not be sure3...
4. he would disagree a little ...4...
5. he would disagree very much ..5...

47. "Most changes introduced in the last ten years have contributed very little in promoting education in our schools."

1. he would agree very much1...
2. he would agree a little2...
3. he would not be sure3...
4. he would disagree a little ...4...
5. he would disagree very much ..5...

48. "If we want to maintain a healthy, stable educational system we must keep it the way it is and resist the temptations to change".
1. he would agree very much1...
 2. he would agree a little2...
 3. he would not be sure3...
 4. he would disagree a little ...4...
 5. he would disagree very much ..5...
49. "I really believe we could have done a much better job or at least done just as well, if things hadn't been changed so much in our school."
1. he would agree very much1...
 2. he would agree a little2...
 3. he would not be sure3...
 4. he would disagree a little ...4...
 5. he would disagree very much ..5...
50. Our principal dictates us to do the things as he thinks it to be good.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...
51. Compared with other teachers, the principal talks to me about introducing any change.
1. much more frequently1...
 2. more frequently2...
 3. about the same amount3...
 4. less frequently4...
 5. much less frequently5...

52. Compared with other teachers, he talks to me about discipline problems-
1. much more frequently1...
 2. more frequently2...
 3. about the same amount3...
 4. less frequently4...
 5. much less frequently5...
53. Compared with other teachers the principal seeks my advice in all the school matters -
1. much more frequently1...
 2. more frequently2...
 3. about the same amount3...
 4. less frequently4...
 5. much less frequently5...
54. I think the principal supports 'setting better question papers' -
1. whole heartedly1...
 2. somewhat.....2...
 3. not sure3...
 4. not very much4...
 5. not at all5...
55. My principal keeps frequent meetings, which give us a chance to talk to him about educational problems.
1. much more frequently1...
 2. more frequently2...
 3. just about the same as it is in other schools..3...
 4. less frequently4...
 5. much less frequently5....

56. Our principal does not thrust his own ideas upon teachers, rather he invites ideas from other teachers for the betterment of the school.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

57. (Here is a list of five innovations. Please answer the following six questions in terms of the items presented in the list).

1. Examination Reforms
2. Cumulative record card
3. Parent Teacher Association
4. Science Clubs
5. Vocational Guidance Corner.

57. During the past six months have you told anyone in your school about any of the above topics?

1. yes1...
2. no2...

58. Compared with your circle of friends in the school are you (a) more or (b) less likely to be asked for opinions about these topics.

1. more1...
2. less2...
3. same amount ..3...

59. Thinking back to your last discussion about any of the topics, (a) Were you asked for your opinion or (b) did you ask someone else?

1. I was asked1...
2. I asked someone else.2..
3. Same amount3..

60. When you and your colleagues discuss any of these topics what part do you play? (a) mainly listen or (b) try to convince them of your ideas?
1. Mainly listen1...
 2. Try to convince2...
 3. Same amount3...
61. Which of these happens more often, (a) you tell your colleagues about these topics or (b) they tell you about these topics?
1. I tell them1...
 2. They tell me2...
 3. Same amount3...
62. Do you have the feeling that you are generally regarded by your colleagues as a good source of opinion about these topics?
1. yes1...
 2. no2...
63. Name three teachers in your school whose opinion on crucial educational issues are usually very valuable to you.
1. _____
 2. _____
 3. _____
64. I feel I am really a part of this faculty.
1. agree very much1...
 2. agree a little2...
 3. don't know3...
 4. disagree a little4...
 5. disagree very much5...

65. If I had a chance to do the same kind of teaching for the same pay in another school, I would consider moving.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

66. The teachers in this school get along with one another better than those in other schools in this district.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

67. The teachers really help each other on the job in this school as compared with teachers in other schools in this district.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

68. Compared with an average teachers, I talk with other teachers about non-academic school activities -

1. much oftener1...
2. a little oftener2...
3. about as often3...
4. a little less often4...
5. much less often5...

69. Compared with an average teacher in the school, I think I have discussed about the technique of 'improved question paper' with my fellow teachers in the school -

1. much oftener1...
2. a little oftener2...
3. about as often3...
4. a little less often4...
5. much less often5...

70. My personal view regarding use of the technique of improved question papers is that the students -

1. benefit greatly1...
2. benefit somewhat2...
3. not sure3...
4. do not benefit much4...
5. do not benefit at all ...5...

71. Since we have started the use of improved question papers students attitude towards it has been, on the whole -

1. extremely enthusiastic1...
2. quite enthusiastic2...
3. so, so3...
4. not very enthusiastic4...
5. not at all enthusiastic5...

72. I read news-papers

1. regularly1...
2. frequently2...
3. at times3...
4. rarely4...
5. never5...

73. I read non-educational magazines.

1. regularly.....1...
2. frequently.....2...
3. at times3...
4. rarely4...
5. never5...

74. Please list below the non-professional periodicals which you read.

1. _____
2. _____
3. _____
4. _____
5. _____

75. Usually in one month I read non-professional books..

1. One.....1...
2. two.....2...
- 3..three.....3...
4. four4...
5. five and more (Please write approximate number)

76. I listen to news and talks from radio

1. regularly1...
2. frequently2...
3. at times3...
4. rarely4...
5. never5...

77. Usually in a month I read educational journals regularly.

1. one1...
2. two2...
3. three3...
4. four4...
5. five & more (please write approximate number) _____

78. Please list below the professional periodicals which you read regularly.

1. _____
2. _____
3. _____
4. _____
5. _____

79. Compared with an average teacher I have attended educational conferences/seminars/meetings which involve educators from more than one district.

1. very frequently1...
2. quite frequently2...
3. about the same amount .3...
4. seldom4...
5. rarely5...

80. Compared with an average teacher I listen to educational broadcast from radio ---

1. very frequently1...
2. quite frequently2...
3. about the same3...
4. seldom4...
5. rarely5...

81. Please indicate the number of districts in your State you have visited for professional purposes.

1. one1...
2. two2...
3. three3...
4. four4...
5. five and more5...

82. Please indicate the number of states in the country you have visited for professional purposes.

1. one1...
2. two2...
3. three3...
4. four4...
5. five and more5...

83. How often do you visit the extension centre.

1. very often1...
2. quite often2...
3. casually3...
4. sometime4...
5. never5...

84. Please list below all the professional organisations in which you are holding membership.

1. _____
2. _____
3. _____
4. _____
5. _____

85. I prefer to sit in the library rather than sit in the commonroom and gossip with my colleagues.

1. agree very much1...
2. agree to some extent ..2...
3. don't know3...
4. disagree to some extent.4..
5. disagree very much.....5..

86. Have you ever travelled outside your state? If list below the states you have visited.

1. _____
2. _____
3. _____
4. _____
5. _____

87. Compared with an average teacher, I seek advice of eminent persons in almost all the school matters.

1. much more frequently1...
2. more frequently2...
3. about the same amount3...
4. less frequently4...
5. much less frequently.....5...

88. In your school how often experts, are invited/visit to discuss educational programme with teachers.

1. very often1...
2. quite often2...
3. casually3...
4. sometimes4...
5. never5...

89. I join seminars/meetings just for enjoyment because it is not possible to implement the ideas which we get in such courses in environmental set up of my school.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

90. I have studied in a college/university which attracts students from different parts of the country.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

91. Please list below all the organisations (not professional) in which you have held membership at one time or other during the last five (5) years.

1. _____
2. _____
3. _____
4. _____
5. _____

92. When I have a problem, I try to solve it myself first without taking help from others.

1. agree very much1...
2. agree a little2...
3. don't know3...
4. disagree a little4...
5. disagree very much5...

93. I make my own decisions and judgements.

1. agree very much1...
2. agree to some extent ..2...
3. don't know3...
4. disagree to some extent.4..
5. disagree very much5..

94. I go ahead and do things which I believe are right, regardless of what other people would think.

1. agree very much1...
2. agree to some extent...2...
3. don't know3...
4. disagree to some extent.4..
5. disagree very much5..

95. Please name below three teachers in your district who are trying out new ideas and innovations in the classes.

	Name _____	Address of the School in which he is serving. _____
1.	_____	_____
2.	_____	_____
3.	_____	_____

96. From principals and teachers of your district whom will you prefer to have as the principal of your school. Please list below three names in order of preference.

	Name _____	Address of the school in which he is working. _____
1.	_____	_____ _____
2.	_____	_____ _____
3.	_____	_____ _____

...