APPENDIX

MAPS OF
MAHARASHTRA, AHMEDNAGAR, SANGAMNER
APPENDIX I

- A Map of Maharashtra Showing Ahmednagar District as

- A Map of Ahmednagar District Showing Sangamner Taluka as

- A Map of Ahmednagar City Showing

  - Beedi Producing Centres as

  - Scattered Home Beedi Rollers as

- A Map of Beedi Producing Centres in Sangamner Tahsil as
SOURCE:
Based upon Survey of India Map with the permission of the Surveyor General of India.
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PLAN OF AHMEDNAGAR
SHOWING GAONTHAN LIMIT

REFERENCE:— GAONTHAN LIMIT

○ Beedi Producing Centres in Ahmednagar City

▌ Scatter and Home Beedi Rollers in Ahmednagar City
APPENDIX
II

QUESTIONNAIRES
# APPENDIX II

## A) QUESTIONNAIRE I - FOR BEEDI WORKERS

1. Name and address : 

2. Sex : (a) Male  
(b) Female

3. Age : 

4. Religion/Caste : 

5. Married/Unmarried : 

6. Language : 

7. Education  
   a) Illiterate  
   b) Std I to V  
   c) Std VI to X  
   d) Std X onwards

8. Name and address of the School : 

9. No. of working persons in beedi-factory or at home : 

10. Occupation - Individual : 
    Husband/Wife : 
    (1) Reason for accepting this profession : 
    (2) Were you employed elsewhere before this occupation? : Yes/No  
    (3) What is your monthly salary? : 
    (4) Do you know the concept of minimum wage? : Yes/No  
    (5) Do you know about dearness allowance, house rent allowance? : Yes/No  
    (6) Do you know about provident fund, gratuity and pension? : Yes/No  
    (7) Do you get Tendu leaves in time? : Yes/No
(8) From where do you bring them? :  
(9) From where do you bring tobacco? :  
(10) What type of "Panpuda" is given by your factory owner? :  

11. Do you know the rate of beedi per thousand? : Yes/No  
12. Do you get Bonus? : Yes/No  
13. For what purpose do you require leave? :  
14. Is your leave refused? : Yes/No  
15. Do you get compensation for an accident in factory? : Yes/No  
16. Are you aware of Welfare Schemes of Government : Yes/No  
17. What questions of this occupation are not yet solved? :  

18. Other information:  
(1) Do you take care of your health? : Yes/No  
(2) How is the atmosphere at working place? :  
(3) Is there ladies toilet room in factory? : Yes/No  
(4) Do you suffer illness due to your working in the factory? : Yes/No  
(5) Do you get monetary aid for medicines from the factory owners? : Yes/No  
(6) Does the beedi factory owner provides you hospital factory? : Yes/No  
(7) Is there a doctor in your factory? : Yes/No  
(8) Have you taken LIC policy : Yes/No  

19. Are you a member of any Bhishi Club? : Yes/No  
20. Do you invest in daily saving schemes of the bank? : Yes/No
21. Have you taken loan from bank for purposes other than beedi occupation? Yes/No
   If yes, what are the purposes of your loan?

22. What do you feel about rising the prices?

23. Family:
   (1) Joint/Seperate
   (2) Total members of the family
   (3) Annual income of the family
   (4) What is your status in your family?
   (5) Where your son/s work?
   (6) What is the age of your daughter at the time of marriage?
   (7) Do you give dowry? If yes, how much? If not, the reason for that?

   (8) Is beedi rolling ability taken into consideration while you get your daughter married? Yes/No
   (9) How much do you spend in your son's/daughter's marriage?
   (10) What is the item on which you spend the most at the time of son's/daughter's marriage?

   (11) Does the rolling of beedi has increased the status of women? Yes/No
   (12) Have divorces taken place in your family? Yes/No
   (13) Is there custom of remarriage? Yes/No
   (14) Are you aware of Divibharya Prevention Act? (Bigamous) Yes/No
   (15) Which of the following things are common in your family?

   a) Drinking
   b) Mutka
   c) Lottery
   d) Prostitution
24. Whether you or any member of the family has suffered imprisonment due to participation in trade union agitation activity : Yes/No

25. Are you the member of any trade union? If yes, name of the trade union? : Yes/No

26. What do you feel regarding the subscription collected by the trade unions? Is it for competitions or the development of beedi workers? : _______________

27. Do the people other than related trade unions approach you for subscriptions? : Yes/No

28. Do you become a member of particular trade union because of religion or caste? : Yes/No

29. To which political party your trade union belongs? : _______________

30. What are the political parties to which different trade unions are related? : _______________

31. Does the worker while voting takes into consideration the interest of his factory or does he vote keeping in mind political party commitment? : _______________

32. Do you think the leaders of trade unions will solve problems facing you? : Yes/No

33. Are cases of trade unions pending with lawyers? What is your opinion about the working of the lawyers? : _______________
34. Do you vote in general election by taking the bribe? : Yes/No

35. Do you think other people vote in general elections by accepting the bribe? : Yes/No

36. Do you observe religious festivals? : Yes/No

37. Do you attend the festivals of other religions? : Yes/No

38. Do you read newspapers? If yes which newspaper? : Yes/No

39. Do you listen to AIR? What types of programmes do you listen? : 

40. Do you watch TV Programmes? Which TV programmes do you watch?
   a) Is there cable TV/Star TV connection? : Yes/No
   b) Do you see TV while rolling the beedis : Yes/No
   c) Do you think that you get time for your housework even though you are addicted to movie seeing while rolling the beedis? : 
   d) Does the constant movie seeing affect your health? : Yes/No

41. In which of the following agitation have you participated?
   a) Bonus problem
   b) Rising prices
   c) Minimum wage problems
   d) Welfare schemes

42. Do you know the member of the Municipal Council from your Ward? : Yes/No
43. Do you know the President/Sarpanch of the Municipal Council/Grampanchayat: Yes/No

44. Is there any leader in your locality influencing you?: Yes/No

45. Are you aware of MLAs and MPs of your constituency?: Yes/No

46. With what type of works you approach to your MLAs and MPs?:

47. Under whose leadership are you working?:

48. How did you come into contact with your leaders?:

49. Are there women leaders among you?: Yes/No

50. Do you know President of India?: Yes/No

51. Do you know Chief Minister of Maharashtra?: Yes/No
B) QUESTIONNAIRE II - FOR BEEDI UNION LEADERS

1. Name and address : 
   
2. Sex : (a) Male  
          (b) Female  
   
3. Age : 
   
4. Religion/Caste : 
   
5. Married/Unmarried : 
   
6. Language : 
   
7. Education : 
   
   a) Illiterate  
   b) Std Ist to Vth  
   c) Std VIth to Xth  
   d) Std Xth onwards  
   
8. Information about school : 
   a) Name of the teacher who has influenced you? : 
   
   b) What type of information besides curriculum was given in the school and what was its nature? 
   
   c) Did you get any special concession in the school? If yes, what type of concession it was? : Yes/No  
   
   d) Has the teacher helped you in formulating your political attitude? : 

   
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9. Family -
   Joint/Seperate : 
   Total numbers : 
10. Annual income of the family : 
11. Does political discussion takes freely in your family? : Yes/No 
12. Is your family related to any professional organization? : Yes/No 
13. Are there any government servants in your family? What are their designations? : 
14. Are you a member of any professional organization? If yes, state the name and purpose of organisation? : 
15. Are you a member of any voluntary organization? : Yes/No 
16. Have you worked as an active member of any political party? : Yes/No 
   a) Name of the political party : 
   b) Period of being the member : 
   c) Were you assigned any specific post in the party? Yes/No 
17. Do you actively participate in general election? If yes, : Yes/No 
   i) How do you participate? : 
   ii) What is your opinion about election? : 
18. Tick mark the political party system which you would like to have? 
   a) One party system 
   b) Two party system 
   c) Multi-party system 
   d) One party dominion system
19. Do you think that political parties will be better organise in future, if they pay more attention to the following:
a) Regionalism
b) Religion
c) Caste
d) Ideology and Programme
e) Professional interest

20. Do you know the meaning of Adult Franchise? If yes,
   a) What is the age at which it is given?:
   
   b) When did you get aware of adult franchise?
   
   c) How did you get idea about it?

   i) By listening Radio: Yes/No
   ii) By watching TV: Yes/No
   iii) By newspaper: Yes/No
   iv) By contesting election: Yes/No

   d) To whom adult franchise should be given?
      (Tick mark the correct answer)
      i) All adult citizens
      ii) All citizens
      iii) Literate citizens

21. Do you read newspaper daily? Which newspaper? If you are not reading what is the reason for it?:

22. Do you think that mass media (TV, Radio, Newspaper) are working autonomously?

23. From which age you began to think properly?
24. Who has inspired you for thinking?
   (Tick mark the correct answer)
   i) From Institution
   ii) Influence of personality
   iii) Literature
   iv) TV/Radio
   v) Own method of thinking

25. Do you read magazines? What are their names? : Yes/No

26. Do you read books? If yes, which books do you read?
   (Tick mark against it)
   a) Novels
   b) Movie stories
   c) Autobiography
   d) Religious books
   : Yes/No

27. Do you listen to Radio programmes? Which programmes do you attend?
   (Tick mark against it)
   a) The news
   b) A discussion
   c) Film songs
   d) Political news
   : Yes/No

28. Do you possess TV set? : Yes/No

29. Which programmes on TV do you see?
   (Tick mark against it)
   a) The news
   b) Feature film
   c) Programmes of Star / Zee TV
   d) Political discussion
   e) Film songs

30. Do you attend meetings of different trade unions? : Yes/No
31. Which of the following habits you find among beedi workers?
   (Tick mark against it)
   a) Intoxication
   b) Play 'Matka'
   c) Prostitution
   d) Purchase lottery tickets

32. If you undertake 'Morchha' what is Govt.(PSI, Tahsildar) attitude towards it? (tick mark against it)
   a) Cooperation
   b) Non-cooperation
   c) Problem understanding
   d) Condemnation

33. Of which trade union are you a leader and what is your post?

34. Are there opposing groups in your trade union? What are their demands?

35. Is the number of members of your trade union increasing? If yes, why? If not, why not?
   Does your trade union taken other members by showing them some lure?

36. Do you read government circulars which are received by federation office?
   Which circular do you read? If not, what is the reason? Do you understand their meaning easily?

37. Under whose leadership do you work?

38. How did you come in contact with your leaders?
39. In which of the following agitation have you taken part?
   a) Bonus issue
   b) Minimum Wage issue
   c) Welfare Schemes issue
   d) Rising Prices issue

40. Which of the following ideology was supported by you after above participation?
   a) Leftist
   b) Rightist
   c) Democratic
   d) Capitalistic

41. How is health of beedi workers gets affected by the constant contact with tobacco?

42. What problems and demands of beedi workers are lingering according to you?

43. How have you agitated for the demands of beedi workers?

44. What type of success beedi workers achieved through their struggle?

45. What are your future plans and expectations about beedi workers?

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C) QUESTIONNAIRE III - FOR BEEDI FACTORY OWNERS

1. Name and address : 

2. Age : 

3. Religion/Caste : 

4. Education : 
   a) illiterate
   b) Std I to V
   c) Std VI to X
   d) Std Xth onwards

5. Information about school
   a) Name of the Teacher : 
   b) Whether the teacher has influence on your personality ? Yes/No
      What type of influence?
   c) Who were your teachers in the school? How were they? 

   d) What type of information besides curriculum was given in the school? If yes, what was its nature?
      i) Conduct
      ii) Standard of living
      iii) Cleanliness

   e) Has the teacher help you in formulating your political attitude? Yes/No

6. Do you allow classes of adult education in your factory? Yes/No

7. Is your factory private or public? : 

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8. Where is your factory located? : 

9. How is the condition of factory? : 

10. What are the entertainment means in your factory? : 

11. How many workers are there? : Male ________ 
   Female________

12. Do you retrench workers? If yes, what is the cause for it? : Yes/No

13. Do you impose your opinions on beedi workers? : Yes/No

14. What types of complaints are brought by the workers? : 

15. If workers are members of trade unions do you object to that? : Yes/No

16. Which of the welfare schemes have you executed? : 
   a) Nursery
   b) Baby sitting
   c) Health facilities
   d) Build small houses

17. What should be the rate of beedis per thousand? : 

18. What is the present rate? : 

19. Do you give dearness allowance along with salary to your workers? : Yes/No

20. Is bonus paid to the workers every year? How much? Can you afford bonus? : Yes/No
   If you are not giving the bonus, what is the reason? : 

21. Can you afford to pay the minimum wages determined by Govt? : Yes/No
22. Is the conflict with trade unions has given rise to court cases? What is nature of such cases? : Yes/No

23. Do you think that the Central Govt should look at their profession as employment creation centre and so the beedi workers should be given facilities of workers like coal and mine workers? : Yes/No

24. What type of 'Panpuda' do you give to the workers? : 

25. From where do you order 'Tendu' leaves : 

26. Do you think that there should be increase in salaries and packing charges of beedi workers? : Yes/No

27. Which of your problems you feel will be solved by political party? : 

28. How are your relations with political leaders? : 

29. Do you insist on beedi workers to vote in favour of particular political party during election? : Yes/No

30. Have you get your own welfare schemes in the interest of workers other than government schemes? : Yes/No
GROUPS ASSOCIATION, SCORE AND CODIFICATION
APPENDIX III

PART A: GROUPS ASSOCIATION, SCORE AND CODIFICATION

QUESTIONNAIRE I
1. GROUPS ASSOCIATION QUESTIONNAIRE I

Part (A)  Part (B)
I. Family Background  1. Political participation
   Q. 2,3,4,6  Q. 25,41,47,48,49
   23 (1,2,3)

II Social Development  2. Political Knowledge
   Social values  Q.26,27,28,29,30,31,32,33
   Q.23 (7,8,9)

   Advance social values  3. Political Awareness
   Q.23 (12,13,14)

Social status
Q.23(11)

III Economic Awareness
Q.18 (8),19,20,21

1. Political Participation
Q.25,41,47,48,49

2. Political Knowledge
Q.26,27,28,29,30,31,32,33

3. Political Awareness
Q.42,43,44,45,46,50,51

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IV. Influence of Mass media
Q.38,39,40 (1 to 4)

V. Professional Awareness
Q.10 (1 to 10), 11, 12, 13, 15, 16, 17

1. Political Participation
Q.25, 41, 47, 48, 49

2. Political Knowledge
Q.26, 27, 28, 29, 30, 31, 32, 33

3. Political Awareness
Q.42, 43, 44, 45, 46, 50, 51

2. SCORE - QUESTIONNAIRE I

Part A

I. Family Background
Q. No.
2 --> 200 -->
4 --> 80 -->

6 --> 40 -->
7 --> 240 -->

23 --> 240
(I) --> 80 -->
(2) --> 40 -->
(3) --> 120 -->

(Total Marks-800)
Female/Male
180/20
1+2 = 35
3+4 = 20
Muslim = 25
10, 20, 05, 05
0 - 35
1 - 40
2 - 50
3 - 115

60/20
No - 35
0 - 05
10-<8000
20->8000<14000
25->14000<20000
60->20000
5 - 0
II Social Development (Total marks 500)

Social Values
Q.No.23
(7) --> 120 --> 20/100
(8) --> 30 --> 5/25
(9) --> 90 --> 60<12000
15-12000 to 20000
05->20000
10-0

Social Status
(11) --> 160 --> 110/50

Advance Social Values (100)
(12) --> 40 --> 30/10
(13) --> 35 --> 30/05
(14) --> 25 --> 20/05

III Economic Awareness (Total marks 500)

Q.No. 18
(8) --> 80 --> 60/20
19 --> 120 --> 100/20
20 --> 100 --> 90/10
21 --> 200 --> 0-20
1-90
2-60
3-30

IV Influence of Mass Media (Total marks 500)

Q.No.
38 --> 80 --> 0-20
1-25
2-35

39 --> 320 --> 0-20
1-155
2-145

40 --> 100 --> 0-15
1-25
2-40
3-20
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3. CODIFICATION - QUESTIONNAIRE I

Q.2 Sex
Female - 1
Male - 2

Q.4 Caste
Padmasali - 1
Swakulsali - 2
Maratha - 3
Others - 4
Muslim -

Q.6 Language
Marathi - 1
Telgu - 2
Hindi/Urdu - 3
Others - 4

Q.7 Education
Not educated - 0
1 to 5 - 1
6 to 10 - 2
10 onwards - 3

Q.10 1) Reason
Rojgar - 1
Other - 2

3) Wages
< 500 - 1
> 500 - 2

8+9) Source
Factory - 1
Guttedar - 2
Q.13  Reason of Leave
House
(Domestic)  - 1
Illness     - 2
Govt Work  - 3
Other      - 4

Q.17  Problems
Don’t know  - 0
Tendu leaves - 1
Health      - 2
Pension     - 3
House       - 4
Rate        - 5

Q.21  Loan
No         - 0
House work - 1
Marriage   - 2
Illness    - 3

Q.23  1) Family
Joint      - 1
Seperate   - 2

6) Reasons
Education  - 0
Age comes  - 1
After 18   - 2

11) Women status
Yes        - 1
No         - 2
Q.25   Factories

Don’t know - 0
Lal Bawta Beedi Union, Ahmednagar - 1
Congress (I) Pranit Beedi Union Ahmednagar - 2
Lal Bawta Beedi Kamgar Union (Sangamner, Akole) - 3
Beedi Mazdoor Sangh, Sangamner - 4
Trade Union Centre, Sangamner (Lalnishan Pakash) - 5

Q.26   Fund

Don’t know - 0
Vikas Nidhi - 1
Competition - 2

Q.29   Party

No - 0
Communist - 1
Congress (I) - 2
Janta Dal - 3

Q.30   Communist, Congress, Janta Dal

Q.31   Election

No - 0
Bandhilki - 1
Happiness of the Factory - 2

Q.33   Advocate

No - 0
Happiness of Owner - 1
Role of Advocate - 2
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<td>Q.43</td>
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**PART B:**
GROUPS ASSOCIATION, SCORE AND CONDIFICATION

**QUESTIONNAIRE II**

1. GROUPS ASSOCIATION

<table>
<thead>
<tr>
<th>PART A</th>
<th>QUESTIONNAIRE II</th>
</tr>
</thead>
</table>
| I) **Experience**
  Q.2,3,4,5,6,7,8
  (A,B,C,D),9,10,11 (1,2),
  12,13 (1,2) |
| II) **Knowledgeability**
  Q.21,22,23,24,25,26,27,29 |
| III) **Experience**
  **Knowledgeability**
  Q.2,3,4,5,6,7,8,
  (A,B,C,D),9,10,11(1,2),
  12,13 (1,2),21,22,23,24,
  25,26,27,29 |

<table>
<thead>
<tr>
<th>PART B</th>
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</thead>
</table>
| 1) **Political Awareness**
  Q.18,19,20 |
| 2) **Political Participation**
  **Part A**
  Q.14,15,16,17
  **Part B**
  Q.30,32,33,34,35,36,37,38,39,40 |
| 3) **Developmental Factor**
  Q.41,42,43,44,45 |

1) **Political Awareness**
   Q.18,19,20

2) **Political Participation**
   **Part A**
   Q.14,15,16,17
   **Part B**
   Q.30,32,33,34,35,36,37,38,39,40

3) **Developmental Factor**
   Q.41,42,43,44,45

1) **Political Awareness**
   Q.18,19,20

2) **Political Participation**
   **Part A**
   Q.14,15,16,17
   **Part B**
   Q.30,32,33,34,35,36,37,38,39,40
IV) Experience +
   Knowledgeability +
   Political Awareness

Q.2,3,4,5,6,7,8 (A,B,C,D),
9,10,11 (1,2),12,13 (1,2),
21,22,23,24,25,26,27,29,
18,19,20

1) Political Participation
   Part A
   Q.14,15,16,17
   Part B
   Q.30,32,33,34,35,36,37,
   38,39,40

2. SCORE : QUESTIONNAIRE II

Part (A)
1) Experience
   (Total marks 1000)
   Q.Nos.  F  M
   2   -->  80  -->  20 / 60
   3   -->  30  -->  < 50 = 10
        Otherwise= 20
   4   -->  50  -->  1 - 20
        2 - 15
        3 - 10
        Muslim - 05

   7   -->  150  -->  A - 10
        B - 15
        C - 40
        D - 75

   8   -->  100
        A - 30/0
        B - 40
        1 - 22
        2 - 09
        3 - 04
        0 - 05
        C - 10/0
        D - 20
        15 / 5

129
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<td>10</td>
<td>200</td>
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<td>50-25000 to 50000</td>
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<td>25-Otherwise</td>
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<td>11</td>
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<tr>
<td>12</td>
<td>150</td>
<td>1 - 90</td>
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<td>2 - 50</td>
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<td>0 - 10</td>
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<tr>
<td>13</td>
<td>90</td>
<td>30 / 60</td>
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<td>1 - 5</td>
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<td>2 - 6</td>
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**II) Knowledgeability**

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<td>1 - 90</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>3 - 30</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>60</td>
<td>20 / 40</td>
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<tr>
<td>23</td>
<td>50</td>
<td>&lt;30 = 20</td>
</tr>
<tr>
<td></td>
<td>&gt;30 = 30</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>60</td>
<td>1 - 05</td>
</tr>
<tr>
<td></td>
<td>2 - 15</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 - 30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 - 10</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>60</td>
<td>40 / 20</td>
</tr>
<tr>
<td>26</td>
<td>70</td>
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<tr>
<td></td>
<td>2 - 05</td>
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<tr>
<td></td>
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<td>4 - 15</td>
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<td>0 - 15</td>
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<tr>
<td>27</td>
<td>400</td>
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<td>3 - 50</td>
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<td></td>
<td>4 - 80</td>
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</tr>
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<td></td>
<td>0 - 2</td>
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</tr>
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</table>
29  ---> 140  --->  
1   80
2   
3   15
5   

Part (B)
I) Political Awareness  (Total marks 300)
Q.Nos.
18  ---> 100  --->  
1   05
2   
3   75
4   20

19  ---> 110  --->  
1   
2   05
3   
4   85
5   20

20  ---> 90  --->  
0   5
1   
2   15
3   40 -> A-12  
B-06
C-18
D-04
4   30/0

II) Political Participation  (Total marks 250)
Part (A)
Q.Nos.
14  ---> 30  --->  
28/2  1-15
2-05
3-05
0-03

15  ---> 30  --->  
28/2  1-05
2-11
3-11
0-01
### III) Political Participation

(Total marks 300)

| Q.Nos. | Part (B) | 1 - 07 | 2 - 18 | 0 - 05 | 1 + 3 = 20 | 2 + 4 = 05 | 25/0 | 10/25 | 0 - 5 | 1 - 15 | 2 - 09 | 3 - 06 | 40/0 | 25/0 | 1 - 15 | 2 - 10 | 30/0 | 1 - 08 | 2 - 08 | 3 - 16 | 4 - 04 |
|--------|----------|--------|--------|--------|-----------|-----------|-------|-------|-------|--------|--------|--------|------|-------|--------|-------|-------|--------|-------|-------|--------|-------|
| 30     | 30 - -> 30 - -> | 1 - 07 | 2 - 18 | 0 - 05 |           |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |
| 32     | 25 - -> 25 - -> | 1 + 3 = 20 |       |       |           |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |
| 33     | 25 - -> 25 - -> | 25/0   |       |       |           |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |
| 34     | 35 - -> 35 - -> | 10/25  |       |       |           |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |
| 35     | 30 - -> 30 - -> | 0 - 5  | 1 - 15 | 2 - 09 | 3 - 06    |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |
| 36     | 40 - -> 40 - -> | 40/0   |       |       |           |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |
| 37     | 25 - -> 25 - -> | 25/0   |       |       |           |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |
| 38     | 25 - -> 25 - -> | 1 - 15 | 2 - 10 |       |           |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |
| 39     | 30 - -> 30 - -> | 30/0   |       |       |           |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |
| 40     | 35 - -> 35 - -> | 1 - 08 | 2 - 08 | 3 - 16 | 4 - 04    |           |       |       |       |        |        |        |      |       |        |       |       |        |       |       |        |       |       |        |       |

### IV) Developmental Factors

(Total marks 200)

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<th>2 - 09</th>
<th>3 - 06</th>
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<tr>
<td>42</td>
<td>30 - -&gt; 30 - -&gt;</td>
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<td></td>
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</table>
3. CODIFICATION : QUESTIONNAIRE II

Q.2 Sex
   1 - Female
   2 - Male

Q.4 Caste
   1 - Padmasali
   2 - Maratha
   3 - Other
   4 - Muslim

Q.8 (B) Information about extra-curricular activities
   1 - Mahatma Gandhi, Lokmanya Tilak, Shivaji Maharaj
   2 - V.D. Savarkar
   3 - Current events through lessons
   0 - Not answered

Q.11 Discussion in Family
   1 - Political
   2 - Government remedies in order to control price rise
   0 - Not answered

Q.12 Relation with Political Party
   1 - To solve local problems
   2 - Liking of social work
   0 - Not answered
Q.13 Government servant
1 - Yes
2 - No

Post
1 - Primary teacher
2 - Clerk
3 - ST Driver/Conductor
4 - Peon
5 - Officer
0 - Not answered

Q.14 Professional Organizations
1 - Cooperative Institutions
2 - Bar Association
3 - Doctors’ Association
0 - Not answered

Objective
1 - Loan
2 - To solve the related problems and to consider social binding
0 - Not answered

Q.15 Voluntary Organizations
1 - Rotary Club/Lions Club
2 - Scout Guide Organization/Remand Home
3 - Mahila Mandal Association
0 - Not answered

Q.16 (I) Active member of a Political party
1 - Communist Party of India
2 - Congress (I)
3 - Janta Dal
4 - Lalnishan Pakash
(II) Duration of Membership

1 - 30 years
2 - 25 years
3 - 15 years
4 - 10 years
0 - Not answered

(III) Post

1 - District President
2 - District Secretary
3 - District Treasurer
4 - Taluka President
5 - Taluka Secretary
6 - Member (State level)
0 - Not answered

Q.17

(I) Participation in General Election

1 - Convassing
2 - Contesting
0 - Not answered

(II) Opinion about General Elections

1 - Effect of corruption, Caste and Religion. Provitality is seen in the election.
2 - Elections are essential/important in the democracy
3 - Problems will be solved through election
4 - Problems will not be solved through elections
0 - Not answered

Q.20 (I) 1 - At the age of 18
2 - At the age of 21
3 - At the age of 25

(II) 1 - At the age of 18
2 - At the age of 21
3 - At the age of 25
Q.21 Newspaper Reading
1 - Sakal, Kesari, Loksatta, Lokmat
2 - Local Newspaper
3 - Maharashtra Times, Indian Express, Times of India
0 - Not answered

Q.25 Magazine Reading
1 - Main stream, India Today
2 - Yugantar, Bharari
0 - Not answered

Q.30 Meetings Attended
1 - Taluka, District and State level
2 - National level
0 - Not answered

Q.33 Trade Union Leader
1 - Llabawta Beedi Union, Ahmednagar (AITUC)
2 - Congress (I) Pranit Beedi Union, Ahmednagar (INTUC)
3 - Beedi Mazdoor Sangh (Janta Dal)
4 - Llabawta Beedi Union (Sangamner, Akole Taluka)
5 - Trade Union Centre (Lalnishan Paksha) (Sangamner, Akole, Sinnar Taluka)

Post 1 - Member
2 - Secretary
3 - President
4 - Treasurer
0 - Not answered

Q.35 Members increased
1 - Financial Programme of Trade Union
2 - Social and Welfare Programme of Trade Union
3 - Capacity of leaders (working)
0 - Not answered
Q.36 Government Circulars
1 - Implementation of Beedi and Cigar Act
2 - Part of the Welfare Schemes
0 - Not answered

Q.37 Working under the Leadership of -
1 - Com Ram Ratnakar
2 - Dr Paulbudhe
3 - Shri Sainna Yengundul
4 - Shri Gulabrao Deshmukh
5 - Shri Karbhari Ugale
0 - Not answered

Q.38 Contact with Leaders
1 - Meetings in connection with Beedi Profession
2 - In relation with Election
0 - Not answered

Q.41 Effect on Health
1 - T.B., Cancer etc
0 - Not answered

Q.42 Problems and Demands until not solved
1 - Scarcity of Tendu leaves
2 - Minimum Wages, Pension Scheme (above 55 yrs), House rent etc
3 - Scarcity of Houses/Medical facilities
4 - Not answered
Q.43 Struggle
1 - Lawful Wages (Morch, Strike, Satyagrah,
    Jailbharo, Meetings etc)
0 - Not answered

Q.44 Benefit
1 - Bonus, DA, House Rent, Implementation of
    Beedi and Cigar Act
2 - Special facilities for women i.e. Maternity leave,
    health etc.
3 - Not answered

Q.45 Next Plans
1 - To find solution on availability of Tendu leaves
    To employ Pension Scheme (above 55 yrs)
2 - To stop homework beedi rolling
    To stop unhygienic food
3 - To educate the illiterate women workers and
    availability of toilets.

........
APPENDIX IV

STATISTICAL AND POLITICAL ANALYSIS
**APPENDIX IV**

**PART A**

C.V. = Calculated chi-square value  
P .01 = 1% Table value

---

CR 16  
P .01 = 13.277  
C.V. = 16.52

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<tr>
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<th>Low</th>
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<tr>
<td>Low</td>
<td>143</td>
<td>351</td>
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**HO**: There is no effect of family background on political participation.

In this case the calculated value i.e. 16.52 is high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates the better the family background, higher the political participation.
CR 17

\[ P \cdot 01 = 13.277 \]

\[ C.V. = 91.51 \]

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<td>Medium</td>
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<td>Low</td>
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\[ \text{HO} : \text{ There is no effect of family background on political knowledge.} \]

In this case the calculated value 91.51 is high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates the better family background and very high and strongly political knowledge.
CR 19

\[ P.01 = 13.277 \]

\[ C.V. = 12.07 \]

<table>
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<td>Low</td>
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**H0**: There is no effect of family background on political awareness.

In this case the calculated value i.e. 12.07 is less as compared with table value 13.277 at 1% l.o.s.

Therefore, we may conclude that family background may not have effect on political awareness.
CR 26

P .01 = 13.277
C.V. = 164.82

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HO: There is no effect of social development on political participation.

In this case the calculated value i.e. 164.82 is high as compared to the table value 13.277 at 1% l.o.s.

Therefore the data indicates the high effect of social development on political participation.
CR 27
P .01 = 13.277
C.V. = 153.90

<table>
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<td>Low</td>
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<table>
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<th></th>
<th>High</th>
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<th>Low</th>
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<tr>
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**Ho:** There is no effect of social development on political knowledge.

In this case the calculated value i.e. 153.90 is very high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates the high effect of social development on political knowledge.
CR 29
P .01 = 13.277
C.V. = 56.88

SOCIAL X PL-AWR
(230x160) (220x150)

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</tr>
<tr>
<td>Low</td>
<td>14</td>
<td>131</td>
<td>224</td>
</tr>
</tbody>
</table>

HO : There is no effect of social development on political awareness.

In this case the calculated value i.e. 56.88 is high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates that better social development the political awareness is more.
CR 36
P .01 = 13.277
C.V= 64.62

<table>
<thead>
<tr>
<th>ECO-AWR (230x220)</th>
<th>X</th>
<th>PL-PART (180x100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>90</td>
<td>Medium</td>
</tr>
<tr>
<td>65</td>
<td></td>
<td>Low</td>
</tr>
<tr>
<td>22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td>121</td>
<td>277</td>
</tr>
<tr>
<td>Low</td>
<td>76</td>
<td>247</td>
</tr>
<tr>
<td></td>
<td></td>
<td>33</td>
</tr>
</tbody>
</table>

**HO:** There is no effect of economic awareness on political participation.

In this case the calculated value i.e.64.62 is high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates the high effect of economic awareness on political participation.
CR 37
P .01 = 13.277
C.V. = 242.52

<table>
<thead>
<tr>
<th></th>
<th>ECO-AWR</th>
<th>X</th>
<th>PL-KNOW</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(220x110)</td>
<td>(250x180)</td>
<td></td>
</tr>
<tr>
<td>High</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High</td>
<td>105</td>
<td>67</td>
<td>05</td>
</tr>
<tr>
<td>Medium</td>
<td>216</td>
<td>191</td>
<td>15</td>
</tr>
<tr>
<td>Low</td>
<td>44</td>
<td>197</td>
<td>115</td>
</tr>
</tbody>
</table>

HO : There is no effect of economic awareness on political knowledge.

In this case the calculated value i.e. 242.52 is very high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates very strong and remarkable effect of economic awareness on political knowledge.
CR 39
P .01 = 13.277
C.V. = 15.35

<table>
<thead>
<tr>
<th>ECO-AWR (220x110)</th>
<th>X</th>
<th>PL-AWR (220x150)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>20</td>
<td>53</td>
</tr>
<tr>
<td>Medium</td>
<td>51</td>
<td>159</td>
</tr>
<tr>
<td>Low</td>
<td>20</td>
<td>149</td>
</tr>
</tbody>
</table>

**HO**: There is no effect of economic awareness on political awareness.

In this case the calculated value i.e.15.35 is slightly greater than table value i.e.13.277 at 1% l.o.s.

Therefore, the data indicates the relation of economic awareness on political awareness.
\textbf{CR 46}\\ \textbf{P \ .01 = 13.277}\\ \textbf{C.V. = 16.07}\\

<table>
<thead>
<tr>
<th>MASS-MED (180x60)</th>
<th>X</th>
<th>PL-PART (180x100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>119</td>
<td>Medium</td>
</tr>
<tr>
<td>Medium</td>
<td>70</td>
<td>146</td>
</tr>
<tr>
<td>Low</td>
<td>98</td>
<td>133</td>
</tr>
</tbody>
</table>

\textbf{HO :} There is no effect of mass media on Political participation.

In this case the calculated value i.e. 16.07 is high as compared to the table value 13.277 at 1\% l.o.s.

Therefore, the data indicates the effect of mass-media on political participation.
CR 47
P .01 = 13.277

C.V. = 87.03

<table>
<thead>
<tr>
<th>MASS-MED x PL-KNOW</th>
<th>High</th>
<th>Medium</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>(180x60)</td>
<td>(250x180)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High</td>
<td>157</td>
<td>211</td>
<td>104</td>
</tr>
<tr>
<td>Medium</td>
<td>132</td>
<td>88</td>
<td>11</td>
</tr>
<tr>
<td>Low</td>
<td>76</td>
<td>156</td>
<td>20</td>
</tr>
</tbody>
</table>

HO: There is no effect of mass-media on political knowledge.

In this case the calculated value i.e.87.03 is very high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates the high effect of mass-media on political knowledge.
CR 49
P .01 = 13.277

C.V. = 26.79

<table>
<thead>
<tr>
<th>MASS-MED (180x60)</th>
<th>x</th>
<th>PL-AWR (220x150)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td></td>
<td>Medium</td>
</tr>
<tr>
<td>High</td>
<td>62</td>
<td>192</td>
</tr>
<tr>
<td>Medium</td>
<td>19</td>
<td>86</td>
</tr>
<tr>
<td>Low</td>
<td>10</td>
<td>83</td>
</tr>
</tbody>
</table>

**HO:** There is no effect of mass-media on political awareness.

In this case the calculated value i.e. 26.79 is greater than table value 13.277 at 1% l.o.s.

Therefore the data indicates the effect of mass media on political awareness.
CR 56
P \(.01 = 13.277\)

C.V. = 153.24

<table>
<thead>
<tr>
<th>PROF-AWR (370x180) ×</th>
<th>PL-PART (180x100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>Medium</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>High</th>
<th>Medium</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>123</td>
<td>291</td>
<td>44</td>
</tr>
<tr>
<td>Medium</td>
<td>147</td>
<td>115</td>
<td>02</td>
</tr>
<tr>
<td>Low</td>
<td>17</td>
<td>183</td>
<td>33</td>
</tr>
</tbody>
</table>

**HO:** There is no effect of professional awareness on political participation.

In this case the calculated value i.e. 153.24 is very high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates the remarkable effect of professional awareness on political participation.
CR 57
P \text{.01} = 13.277

C.V. = 245.74

\[
\begin{array}{ccc}
\text{PROF-AWR} & \times & \text{PL-KNOW} \\
(370 \times 180) & & (250 \times 180) \\
\end{array}
\]

<table>
<thead>
<tr>
<th></th>
<th>High</th>
<th>Medium</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>68</td>
<td>281</td>
<td>109</td>
</tr>
<tr>
<td>Medium</td>
<td>134</td>
<td>121</td>
<td>09</td>
</tr>
<tr>
<td>Low</td>
<td>163</td>
<td>53</td>
<td>17</td>
</tr>
</tbody>
</table>

**H0**: There is no effect of professional awareness on political knowledge.

In this case the calculated value i.e. 245.74 is very high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates the very high and remarkable effect of professional awareness on political knowledge.
**CR 59**

\[ P \cdot 01 = 13.277 \]

\[ C.V. = 68.71 \]

<table>
<thead>
<tr>
<th>PROF-AWR</th>
<th>x</th>
<th>PL-AWR</th>
</tr>
</thead>
<tbody>
<tr>
<td>(370x180)</td>
<td></td>
<td>(220x150)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>High</th>
<th>Medium</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>53</td>
<td>202</td>
<td>203</td>
</tr>
<tr>
<td>Medium</td>
<td>33</td>
<td>107</td>
<td>124</td>
</tr>
<tr>
<td>Low</td>
<td>05</td>
<td>52</td>
<td>176</td>
</tr>
</tbody>
</table>

**HO :** There is no effect of professional awareness on political awareness.

In this case the calculated value i.e. 68.71 is high as compared to the table value 13.277 at 1% l.o.s.

Therefore, the data indicates the high effect of professional awareness on political awareness.
PART B

C.V. = Calculated chi-square value
P.5  = 5% Table value

SA1PRG

P.5  = 5.99
C.V. = 1.35

\[
\text{EXP \times PL-AWR} \quad (400 \times 300) \quad (225 \times 210)
\]

<table>
<thead>
<tr>
<th></th>
<th>High</th>
<th>Medium</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>06</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>Low</td>
<td>02</td>
<td>03</td>
<td>01</td>
</tr>
</tbody>
</table>

HO : There is no effect of experience on political awareness.

In this case the calculated value i.e. 1.35 is less as compared with table value 5.99 at 5% l.o.s.

Therefore, we may conclude that experience may not have effected on political awareness.
SA2PRG

\[ P.5 \quad = \quad 5.99 \]
\[ C.V. \quad = \quad 3.39 \]

\[
\begin{array}{ccc}
\text{EXP} & \times & \text{PL-PART(A)} \\
(400\times300) & & (185\times170) \\
\end{array}
\]

<table>
<thead>
<tr>
<th></th>
<th>High</th>
<th>Medium</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>04</td>
<td>06</td>
<td>2</td>
</tr>
<tr>
<td>Low</td>
<td>04</td>
<td>08</td>
<td>11</td>
</tr>
</tbody>
</table>

**HO**: There is no effect of experience on political participation (i.e. General Political Participation).

In this case the calculated value i.e. 3.39 is less as compared with table value 5.99 at 5% l.o.s.

Therefore, we may conclude that experience may not have effected on political participation (A) (i.e. General Political Participation).
**SA3PRG**

\[ P.5 = 5.99 \]

\[ C.V. = 9.53 \]

<table>
<thead>
<tr>
<th>EXP (400x300)</th>
<th>( x )</th>
<th>PL-PART(B) (170x155)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>04</td>
<td>06</td>
</tr>
<tr>
<td>Medium</td>
<td>03</td>
<td>01</td>
</tr>
<tr>
<td>Low</td>
<td>01</td>
<td>07</td>
</tr>
<tr>
<td></td>
<td></td>
<td>09</td>
</tr>
</tbody>
</table>

**HO :** There is no effect of experience on political participation (B) i.e. (Trade Union Participation).

In this case the calculated value i.e. 9.53 is high as compared to the table value 5.99 at 5% l.o.s.

Therefore, the data indicates the effect of experience on political participation (B) (i.e. Trade Union Participation).

156
\[
P.5 = 5.99 \\
C.V. = 2.50
\]

<table>
<thead>
<tr>
<th>EXP x DEVELOPMENTAL FACTORS</th>
<th>(400X300)</th>
<th>(125X85)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>High</td>
<td>Medium</td>
</tr>
<tr>
<td>High</td>
<td>04</td>
<td>11</td>
</tr>
<tr>
<td>Low</td>
<td>04</td>
<td>03</td>
</tr>
</tbody>
</table>

**HO**: There is no effect of experience on developmental factors.

In this case the calculated value is i.e. 2.50 is less as compared with table value 5.99 at 5% l.o.s.

Therefore we may conclude that experience may not have effected on developmental factors.
SA5PRG

\[ P_{.5} = 3.84 \]
C.V. = 1.68

<table>
<thead>
<tr>
<th>KNOW (510x430)</th>
<th>x</th>
<th>PL-AWR (225x210)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>High</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>11</td>
<td>18</td>
</tr>
<tr>
<td>Low</td>
<td>04</td>
<td>02</td>
</tr>
</tbody>
</table>

**HO**: There is no effect of knowledgeability on political awareness.

In this case the calculated value i.e. 1.68 is less as compared with table value 3.84 at 5% l.o.s.

Therefore, we may conclude that knowledgeability may not have affected on political awareness.
**SA6PRG**

\[ P \cdot 5 = 3.84 \]

C.V. = 4.23

<table>
<thead>
<tr>
<th>KNOW</th>
<th>x</th>
<th>PL-PART(A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(510x430)</td>
<td></td>
<td>(185x170)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>High</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>08</td>
<td>04</td>
</tr>
<tr>
<td>Low</td>
<td>07</td>
<td>16</td>
</tr>
</tbody>
</table>

**HO**: There is no effect of knowledgeability on political participation (A) (i.e. General Political Participation).

In this case the calculated value i.e.4.23 is high as compared to the table value 3.84 at 5% l.o.s.

Therefore, the data indicates the effect of knowledgeability on political participation (A) (i.e. General Political Participation).
SA7PRG

$P \cdot 5 = 5.99$

C.V. = 6.12

\begin{tabular}{crr}
\text{KNOW} & \times & \text{PL-PART(B)} \\
(510x430) & & (170x155) \\
\hline
\text{High} & \text{Low} \\
High & 04 & 07 \\
Medium & 05 & 02 \\
Low & 06 & 11 \\
\end{tabular}

HO: There is no effect of knowledgeability on political participation (B) (i.e. Trade Union Participation).

In this case the calculated value i.e. 6.12 is high as compared with table value 5.99 at 5% I.o.s.

Therefore, the data indicates the effect of knowledgeability on political participation (B) (i.e. Trade Union Participation).
SA8PRG

\[ P \cdot 5 = 5.99 \]

C.V. = 4.18

<table>
<thead>
<tr>
<th>KNOW ( (510 \times 430) )</th>
<th>DEVELOPMENTAL FACTORS ( (125 \times 85) )</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>Medium</td>
</tr>
<tr>
<td>High</td>
<td>11</td>
</tr>
<tr>
<td>Low</td>
<td>04</td>
</tr>
</tbody>
</table>

**HO:** There is no effect of knowlegeability on developmental factors.

In this case the calculated value i.e.4.18 is less as compared with table value 5.99 at 5% l.o.s.

Therefore, we may conclude that knowlegeability may not have effected on developmental factors.
\[ P \cdot 5 = 5.99 \]
C.V. = 3.49

\[
\begin{array}{ccc}
\text{EXP+KNOW} & \times & \text{PL-AWR} \\
(910X760) & & (225X210) \\
\hline
\text{High} & 08 & 14 & 07 \\
\text{Low} & 04 & 01 & 01 \\
\end{array}
\]

**HO:** There is no effect of experience and knowlegeability (combined) on political awareness.

In this case the calculated value i.e.3.49 is less as compared with table value 5.99 at 5% l.o.s.

Therefore, we may say that experience and knowlegeability jointly may not have effected on political awareness.
\[ P \cdot 5 = 3.84 \]
\[ C.V. = 4.69 \]

\[
\begin{array}{c|c|c|c}
\text{EXP+KNOW} & \times & \text{PL-PART(A)} \\
(910 \times 760) & & (185 \times 170) \\
\hline
\text{High} & \text{High} & 07 & 05 \\
\text{Low} & \text{Low} & 05 & 18 \\
\end{array}
\]

**HO**: There is no effect of experience and knowlegeability (combined) on political participation (A) (i.e. General Political Participation).

In this case the calculated value i.e.4.69 is high as compared with table value 3.84 at 5% I.O.S.

Therefore, the data indicates the combine effect of experience and knowlegeability on political participation (A) (i.e. General Political Participation).
\[ P \cdot 5 = 5.99 \]
\[ C.V. = 6.12 \]

<table>
<thead>
<tr>
<th>EXP+KNOW \times PL-PART(B)</th>
<th>High</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>(910x760)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(170x155)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High</td>
<td>04</td>
<td>07</td>
</tr>
<tr>
<td>Medium</td>
<td>04</td>
<td>03</td>
</tr>
<tr>
<td>Low</td>
<td>04</td>
<td>13</td>
</tr>
</tbody>
</table>

**HO**: There is no effect of experience and knowledgeability (combined) on political participation (B) (i.e. Trade Union Participation).

In this case the calculated value i.e. 6.12 is high as compared with table value at 5% l.o.s.

Therefore, the data indicates the effect of experience and knowledgeability on political participation (B) (i.e. Trade Union Participation).
\( P .5 = 5.99 \)
\[ C.V. = .2 \]

<table>
<thead>
<tr>
<th>EXP+KNOW ( (910 \times 760) )</th>
<th>DEVELOPMENTAL FACTORS ( (125 \times 85) )</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>Medium</td>
</tr>
<tr>
<td>07</td>
<td>10</td>
</tr>
<tr>
<td>Low</td>
<td>05</td>
</tr>
</tbody>
</table>

**HO**: There is no effect of experience and knowlegeability (combined) on developmental factors.

In this case the calculated value i.e. .2 is very less as compared with table value 5.99 at 5% l.o.s.

Therefore, we may say that experience and knowlegeability may not have effected on developmental factors.
SA13PRG

\[ P = 3.84 \]
C.V. = 4.69

\[
\begin{array}{cccc}
\text{EXP+KNOW+} & \times & \text{PL-PART(B)} \\
(1135 \times 980) & & (185 \times 170) \\
\end{array}
\]

<table>
<thead>
<tr>
<th></th>
<th>High</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>07</td>
<td>05</td>
</tr>
<tr>
<td>Low</td>
<td>05</td>
<td>18</td>
</tr>
</tbody>
</table>

**H0**: There is no effect of experience, knowlegeability and political awareness (combined) on political participation (A) (i.e. General Political Participation).

In this case the calculated value i.e.4.69 is high as compared with table value 3.84 at 5% l.o.s.

Therefore, the data indicates the combine effect of experience, knowlegeability and political awareness on political participation (A) (i.e. General Political Participation).
\[ P \cdot 5 = 5.99 \]
C.V. = 6.12

\[
\begin{array}{cccc}
\text{EXP+KNOW+} & \times & \text{PL-PART(B)} \\
\text{PL-AWR} & (1135 \times 980) & & (170 \times 155) \\
\hline \\
\text{High} & 04 & 07 \\
\text{Medium} & 04 & 03 \\
\text{Low} & 04 & 13 \\
\end{array}
\]

**HO**: There is no effect of experience, knowlegeability and political awareness (combined) on political participation (B) (i.e. Trade Union Participation).

In this case calculated value i.e. 6.12 is high as compared with table value 5.99 at 5% l.o.s.

Therefore, we may say that there is combine effect of experience, knowlegeability and political awareness on political participation (B) (i.e. Trade Union Participation).
APPENDIX V

COMPUTER PROGRAMMING
APPENDIX - V

COMPUTER PROGRAMMING

PART (I):

PA - To find the score.
PP - For counting the questionnaires for various attributes.

PART (II):

CR/SA - It is to find the values of the contingency tables.

PART (III):

CHI-SQUARE TEST -
To find the chi-square value from contingency tables.
PART (I):
-------

PA - To find the score.

PP - For counting the questionnaires for various attributes.
***************  PA1.PRG
***************  PROGRAM FOR CALCULATE SCORE OF EXPERIENCE
***************  MASTER COMPUTER, AHEDNAGAR.

SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE A1 INDEX IA1
SELECT B
USE A2 INDEX IA2
SELECT C
USE MAST INDEX IMAST
SELECT A
DO WHILE .NOT. EOF()
  CODE = CODE_NO
  SC01 = 0
  IF SEX = 'F'
    SC01 = 20
  ELSE
    SC01 = 60
  ENDF
  IF AGE < 50
    SC01 = SC01 + 10
  ELSE
    SC01 = SC01 + 20
  ENDF
  IF RELG = '2'
    SC01 = SC01 + 5
  ENDF
  IF CAST = '1'
    SC01 = SC01 + 15
  ELSE
    IF CAST = '2'
      SC01 = SC01 + 20
    ELSE
      SC01 = SC01 + 10
    ENDF
  ENDF
  IF EDUC = '1'
    SC01 = SC01 + 10
  ELSE
    IF EDUC = '2'
      SC01 = SC01 + 15
    ELSE
      IF EDUC = '3'
        SC01 = SC01 + 40
      ELSE
        SC01 = SC01 + 75
      ENDF
    ENDF
  ENDF
  IF IMP_T = 'Y'
    SC01 = SC01 + 30
  ELSE
    SC01 = SC01 + 0
  ENDF
END
IF O_INF = 'Y'
    SC01 = SC01 + 40
ELSE
    SC01 = SC01 + 0
ENDIF
IF WHICH_INF = '1'
    SC01 = SC01 + 22
ELSE
    IF WHICH_INF = '2'
        SC01 = SC01 + 9
    ELSE
        IF WHICH_INF = '3'
            SC01 = SC01 + 4
        ELSE
            SC01 = SC01 + 5
        ENDIF
    ENDIF
ENDIF
ENDIF
IF CONSESSION = 'Y'
    SC01 = SC01 + 10
ELSE
    SC01 = SC01 + 0
ENDIF
SELECT B
    IF POL_AIM = 'Y'
        SC01 = SC01 + 20
    ELSE
        SC01 = SC01 + 0
    ENDIF
    IF FAMILY = '1'
        SC01 = SC01 + 35
    ELSE
        SC01 = SC01 + 15
    ENDIF
    IF Y_INC > 50000
        SC01 = SC01 + 100
    ELSE
        IF Y_INC > 25000 .AND. Y_INC < 50000
            SC01 = SC01 + 50
        ELSE
            SC01 = SC01 + 25
        ENDIF
    ENDIF
ENDIF
IF WHI_POL = '1'
    SC01 = SC01 + 40
ELSE
    IF WHI_POL = '2'
        SC01 = SC01 + 60
    ELSE
        SC01 = SC01 + 0
    ENDIF
ENDIF
IF WHI_POLPAR = '1'
    SC01 = SC01 + 90
ELSE
    IF WHI_POLPAR = '2'
        SC01 = SC01 + 50
    ELSE
        SC01 = SC01 + 10
    ENDIF
ENDIF
IF GOVT_SER = 'Y'
    SC01 = SC01 + 30
ELSE
    SC01 = SC01 + 60
ENDIF
IF POST = '1'
    SC01 = SC01 + 5
ELSE
    IF POST = '2'
        SC01 = SC01 + 6
    ELSE
        IF POST = '3'
            SC01 = SC01 + 4
        ELSE
            IF POST = '4'
                SC01 = SC01 + 6
            ELSE
                IF POST = '5'
                    SC01 = SC01 + 3
                ELSE
                    SC01 = SC01 + 6
                ENDIF
            ENDIF
        ENDIF
    ENDIF
ENDIF
ENDIF
SELECT C
SEEK CODE
REPLACE EXP WITH SC01
SELECT A
SKIP
ENDDO
CLOSE ALL
RETURN
*************** PAZ.PRG
*************** PROGRAM FOR CALCULATE SCORE OF KNOWLEDGE
*************** MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE A4 INDEX IA4
SELECT B
USE A5 INDEX IA5
SELECT C
USE MAST INDEX IMAST
SELECT A
DO WHILE .NOT. EOF()
   CODE = CODE_NO
   SCO2 = 0
   IF WHICH_NEW = '1'
      SCO2 = 90
   ELSE
      IF WHICH_NEW = '2'
         SCO2 = 40
      ELSE
         IF WHICH_NEW = '3'
            SCO2 = 30
         ELSE
            SCO2 = 0
         ENDIF
      ENDIF
   ENDIF
IF TVRADIO = 'Y'
   SCO2 = SCO2 + 20
ELSE
   SCO2 = SCO2 + 40
ENDIF
IF THINK_Y < 30
   SCO2 = SCO2 + 20
ELSE
   SCO2 = SCO2 + 30
ENDIF
IF GET_INSPI = '1'
   SCO2 = SCO2 + 5
ELSE
   IF GET_INSPI = '2'
      SCO2 = SCO2 + 15
   ELSE
      IF GET_INSPI = '3' .AND. GET_INSPI = '4'
         SCO2 = SCO2 + 30
      ELSE
         SCO2 = SCO2 + 10
      ENDIF
   ENDIF
ENDIF
IF READ_MAG = 'Y'
   SCO2 = SCO2 + 40
ELSE
   SCO2 = SCO2 + 20
ENDIF
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IF READ_BOOK = 'Y'
    SCO2 = SCO2 + 55
ELSE
    SCO2 = SCO2 + 15
ENDIF
IF WHICH_B = '1'
    SCO2 = SCO2 + 5
ELSE
    IF WHICH_B = '2'
        SCO2 = SCO2 + 5
    ELSE
        IF WHICH_B = '3'
            SCO2 = SCO2 + 30
        ELSE
            IF WHICH_B = '4'
                SCO2 = SCO2 + 15
            ELSE
                SCO2 = SCO2 + 15
            ENDIF
        ENDIF
    ENDIF
ENDIF
ENDIF
IF PROG = '1'
    SCO2 = SCO2 + 200
ELSE
    IF PROG = '2'
        SCO2 = SCO2 + 50
    ELSE
        IF PROG = '3'
            SCO2 = SCO2 + 50
        ELSE
            IF PROG = '4'
                SCO2 = SCO2 + 80
            ELSE
                SCO2 = SCO2 + 0
            ENDIF
        ENDIF
    ENDIF
ENDIF
ENDIF
SELECT B
IF PROG_TV = '1'
    SCO2 = SCO2 + 60
ELSE
    IF PROG_TV = '2' .AND. PROG_TV = '3' .AND. PROG_TV = '5'
        SCO2 = SCO2 + 15
    ELSE
        IF PROG_TV = '4'
            SCO2 = SCO2 + 45
        ELSE
            SCO2 = SCO2 + 0
        ENDIF
    ENDIF
ENDIF
ENDIF
SELECT C
SEEK CODE
REPLACE KNOW WITH SCO2
SELECT A
SKIP
ENDDO
CLOSE ALL
RETURN
*************** PA3.PRG
*************** PROGRAM FOR CALCULATE SCORE OF POLITICAL PARTY A
*************** MASTER COMPUTER, AHMEDNAGAR.

SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE A2 INDEX IA2
SELECT B
USE A3 INDEX IA3
SELECT C
USE MAST INDEX IAMAST
SELECT A
DO WHILE .NOT. EOF()
  CODE = CODE_NO
  SCO3 = 0
  IF PROF_ORG = 'Y'
    SCO3 = 28
  ELSE
    SCO3 = 2
  ENDIF
  IF NAME_ORG = '1' .AND. AIM_ORG = '1'
    SCO3 = SCO3 + 15
  ELSE
    IF NAME_ORG = '1' .AND. AIM_ORG = '2'
      SCO3 = SCO3 + 12
    ELSE
      IF NAME_ORG = '1' .AND. AIM_ORG = '0'
        SCO3 = SCO3 + 10
      ELSE
        SCO3 = SCO3 + 3
      ENDIF
    ENDIF
  ENDIF
  IF NAME_ORG = '2' .AND. AIM_ORG = '1'
    SCO3 = SCO3 + 0
  ELSE
    IF NAME_ORG = '2' .AND. AIM_ORG = '2'
      SCO3 = SCO3 + 5
    ELSE
      IF NAME_ORG = '2' .AND. AIM_ORG = '0'
        SCO3 = SCO3 + 4
      ELSE
        SCO3 = SCO3 + 3
      ENDIF
    ENDIF
  ENDIF
  IF NAME_ORG = '3' .AND. AIM_ORG = '1'
    SCO3 = SCO3 + 0
  ELSE
    IF NAME_ORG = '3' .AND. AIM_ORG = '2'
      SCO3 = SCO3 + 5
    ELSE
      IF NAME_ORG = '3' .AND. AIM_ORG = '0'
        SCO3 = SCO3 + 4
      ELSE
        SCO3 = SCO3 + 3
      ENDIF
    ENDIF
  ENDIF
ENDIF

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IF VOL_ORG = 'Y'
    SC03 = SC03 + 28
ELSE
    SC03 = SC03 + 2
ENDIF
IF N_ORG = '1'
    SC03 = SC03 + 5
ELSE
    IF N_ORG = '2'
        SC03 = SC03 + 11
    ELSE
        IF N_ORG = '3'
            SC03 = SC03 + 11
        ELSE
            SC03 = SC03 + 1
        ENDIF
    ENDIF
ENDIF
ENDIF
SELECT B
IF N_POLP = '1'
    SC03 = SC03 + 60
ELSE
    IF N_POLP = '2'
        SC03 = SC03 + 60
    ELSE
        IF N_POLP = '3'
            SC03 = SC03 + 60
        ELSE
            IF N_POLP = '4'
                SC03 = SC03 + 60
            ELSE
                SC03 = SC03 + 0
            ENDIF
        ENDIF
    ENDIF
ENDIF
ENDIF
IF HOW_DAYS = '1'
    SC03 = SC03 + 15
ELSE
    IF HOW_DAYS = '2' OR HOW_DAYS = '3'
        SC03 = SC03 + 7
    ELSE
        IF HOW_DAYS = '4'
            SC03 = SC03 + 3
        ELSE
            SC03 = SC03 + 0
        ENDIF
    ENDIF
ENDIF
ENDIF
IF PER_POST > '0'
    SC03 = SC03 + 20
ELSE
    SC03 = SC03 + 5
ENDIF
IF ENTER_ELE = '1'
    SC03 = SC03 + 48
ELSE
    IF ENTER_ELE = '2'
        SC03 = SC03 + 12
    ELSE
        SC03 = SC03 + 0
    ENDF
ENDIF
IF EFFE_ELE = '1'
    SC03 = SC03 + 5
ELSE
    IF EFFE_ELE = '2'
        SC03 = SC03 + 7
    ELSE
        IF EFFE_ELE = '3'
            SC03 = SC03 + 5
        ELSE
            IF EFFE_ELE = '4'
                SC03 = SC03 + 13
            ELSE
                SC03 = SC03 + 0
            ENDF
        ENDF
    ENDF
ENDIF
SELECT C
SEEK CODE
REPLACE PO_PART_A WITH SC03
SELECT A
SKIP
ENDDO
CLOSE ALL
RETURN
*************** PA4.PRG
*************** PROGRAM FOR CALCULATE SCORE OF OTHERS
*************** MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE A6 INDEX IA6
SELECT B
USE MAST INDEX IMAST
SELECT A
DO WHILE .NOT. EOF()
  CODE = CODE_NO
  SCO4 = 0
  IF WHICH_E = '1'
    SCO4 = 50
  ELSE
    SCO4 = 0
  ENDIF
  IF PROB = '1'
    SCO4 = SCO4 + 15
  ELSE
    IF PROB = '2'
      SCO4 = SCO4 + 9
    ELSE
      IF PROB = '3'
        SCO4 = SCO4 + 6
      ELSE
        IF PROB = '4'
          SCO4 = SCO4 + 6
        ELSE
          IF PROB = '5'
            SCO4 = SCO4 + 6
          ELSE
            SCO4 = SCO4 + 0
          ENDIF
        ENDIF
      ENDIF
    ENDIF
  ENDIF
ENDIF
ENDIF
IF CONDITION = '1'
  SCO4 = SCO4 + 30
ELSE
  SCO4 = SCO4 + 0
ENDIF
IF HAPPINESS = '1'
  SCO4 = SCO4 + 20
ELSE
  SCO4 = SCO4 + 30
ENDIF
IF NEXT_S = '1'
   SCO4 = SCO4 + 20
ELSE
   IF NEXT_S = '2'
      SCO4 = SCO4 + 10
   ELSE
      IF NEXT_S = '3'
         SCO4 = SCO4 + 10
      ELSE
         SCO4 = SCO4 + 0
      ENDIF
   ENDIF
ENDIF
SELECT B
SEEK CODE
REPLACE OTHER WITH SCO4
SELECT A
SKIP
ENDDO
CLOSE ALL
RETURN
*************** PA5.PRG
*************** PROGRAM FOR CALCULATE SCORE OF POLITICAL AWARENESS
*************** MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE A3 INDEX IA3
SELECT B
USE A4 INDEX IA4
SELECT C
USE MAST INDEX IMAST
SELECT A
DO WHILE .NOT. EOF()
  CODE = CODE_NO
  SC05 = 0
  IF NAT_POLP = '1' .AND. NAT_POLP = '2'
    SC05 = 5
  ELSE
    IF NAT_POLP = '3'
      SC05 = 75
    ELSE
      IF NAT_POLP = '4'
        SC05 = 20
      ELSE
        SC05 = 0
      ENDIF
    ENDIF
  ENDIF
  IF WORK_POLP = '1' .AND. WORK_POLP = '2' .AND. WORK_POLP = '3'
    SC05 = SC05 + 5
  ELSE
    IF WORK_POLP = '4'
      SC05 = SC05 + 85
    ELSE
      IF WORK_POLP = '5'
        SC05 = SC05 + 20
      ELSE
        SC05 = SC05 + 0
      ENDIF
    ENDIF
  ENDIF
  IF WHICH_Y > '0'
    SC05 = SC05 + 15
  ELSE
    SC05 = SC05 + 5
  ENDIF
  IF GETTING_Y > '0'
    SC05 = SC05 + 15
  ELSE
    SC05 = SC05 + 5
  ENDIF
END DO
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IF INF_YELE = '1'
   SC05 = SC05 + 26
ELSE
   IF INF_YELE = '2'
      SC05 = SC05 + 13
   ELSE
      IF INF_YELE = '3'
         SC05 = SC05 + 40
      ELSE
         IF INF_YELE = '4'
            SC05 = SC05 + 10
         ELSE
            IF INF_YELE = '5'
               SC05 = SC05 + 10
            ELSE
               SC05 = SC05 + 0
            ENDIF
         ENDIF
      ENDIF
   ENDIF
ENDIF
ENDIF
SELECT B
IF YOU_E = '1'
   SC05 = SC05 + 20
ELSE
   IF YOU_E = '2'
      SC05 = SC05 + 5
   ELSE
      IF YOU_E = '3'
         SC05 = SC05 + 2
      ELSE
         SC05 = SC05 + 3
      ENDIF
   ENDIF
ENDIF
SELECT C
SEEk CODE
REPLACE PO_AWR WITH SC05
SELECT A
SKIP
ENDDO
CLOSE ALL
RETURN
*************** PA6.PRG
*************** PROGRAM FOR CALCULATE SCORE OF POLITICAL PART B
*************** MASTER COMPUTER, AHMEDNAGAR.

SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE A5 INDEX IA5
SELECT B
USE A6 INDEX IA6
SELECT C
USE MAST INDEX IMAST
SELECT A
DO WHILE .NOT. EOF()
   CODE = CODE_NO
   SC06 = 0
   IF WHICH_M = '1'
      SC06 = 7
   ELSE
      IF WHICH_M = '2'
         SC06 = 18
      ELSE
         SC06 = 5
      ENDIF
   ENDIF
   IF RALLY = '1.' AND. RALLY = '3'
      SC06 = SC06 + 20
   ELSE
      IF RALLY = '2.' AND. RALLY = '4'
         SC06 = SC06 + 5
      ELSE
         SC06 = SC06 + 0
      ENDIF
   ENDIF
   IF POST = '1.' AND. POST = '2.' AND. POST = '4'
      SC06 = SC06 + 15
   ELSE
      IF POST = '3'
         SC06 = SC06 + 25
      ELSE
         SC06 = SC06 + 0
      ENDIF
   ENDIF
   IF UNI_OPP = 'Y'
      SC06 = SC06 + 10
   ELSE
      SC06 = SC06 + 25
   ENDIF
ENDIF
IF WHY_INC = '1'
    SC06 = SC06 + 15
ELSE
    IF WHY_INC = '2'
        SC06 = SC06 + 9
    ELSE
        IF WHY_INC = '3'
            SC06 = SC06 + 6
        ELSE
            SC06 = SC06 + 5
    ENDIF
ENDIF

IF CER_FED = 'Y'
    SC06 = SC06 + 40
ELSE
    SC06 = SC06 + 0
ENDIF

IF PART_S = '1' .AND. PART_S = '2'
    SC06 = SC06 + 20
ELSE
    SC06 = SC06 + 5
ENDIF

IF MEANING = '1'
    SC06 = SC06 + 15
ELSE
    SC06 = SC06 + 0
ENDIF

IF U_LEADER > '0'
    SC06 = SC06 + 25
ELSE
    SC06 = SC06 + 0
ENDIF

IF CON_L = '1'
    SC06 = SC06 + 15
ELSE
    IF CON_L = '2'
        SC06 = SC06 + 10
    ELSE
        SC06 = SC06 + 0
    ENDIF
ENDIF

SELECT B
IF WHICH_IMP > '0'
    SC06 = SC06 + 30
ELSE
    SC06 = SC06 + 0
ENDIF
IF THINK_IMP = '1'
   SC06 = SC06 + 20
ELSE
   IF THINK_IMP = '2'
      SC06 = SC06 + 20
   ELSE
      IF THINK_IMP = '3'
         SC06 = SC06 + 35
      ELSE
         IF THINK_IMP = '4'
            SC06 = SC06 + 10
         ELSE
            SC06 = SC06 + 0
         ENDIF
      ENDIF
   ENDIF
ENDIF
ENDIF
ENDDO
CLOSE ALL
RETURN
************** PP1.PRG
************** PROGRAM TO CALCULATE SCORE FOR AGE > 30
************** MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K3_SCO INDEX IK3_SCO
A1 = 0
B1 = 0
C1 = 0
SELECT A
DO WHILE .NOT. EOF()
   AGE1 = VAL(AGE)
   IF AGE1 > 30
      STORE CODE_NO TO CODE1
      SELECT B
      SEEK CODE1
      IF INC <= 20
         A1 = A1 + 1
      ELSE
         IF INC <= 30 .AND. INC > 20
            B1 = B1 + 1
         ELSE
            IF INC <= 50 .AND. INC > 30
               C1 = C1 + 1
         ENDIF
      ENDDIF
   ENDDIF
ENDDIF
SELECT A
SKIP
ENDDO
? A1
? B1
? C1
CLOSE ALL
RETURN
************* PP2.PRG
************* PROGRAM TO CALCULATE SCORE FOR AGE > 30
************* MASTER COMPUTER, AHMEDNAGAR.

SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K3 INDEX IK3
AA1 = 0
BB1 = 0
C1 = 0
D1 = 0
SELECT A
DO WHILE .NOT. EOF()
    AGE1 = VAL(AGE)
    IF AGE1 > 30
        STORE CODE_NO TO CODE1
        SELECT B
        SEEK CODE1
        IF DOWRY = 'Y'
            AA1 = AA1 + 1
        ELSE
            IF DOWRY = 'N'
                BB1 = BB1 + 1
        ENDIF
        ENDIF
        IF BEEDI_TSET = 'Y'
            C1 = C1 + 1
        ELSE
            IF BEEDI_TSET = 'N'
                D1 = D1 + 1
        ENDIF
        ENDIF
    END DO
SELECT A
SKIP
ENDDO
? AA1
? BB1
? C1
? D1
CLOSE ALL
RETURN
************* PP3.PRG
************* PROGRAM TO CALCULATE SCORE FOR AGE > 40
************* MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K3 INDEX IK3
A1 = 0
B1 = 0
SELECT A
DO WHILE .NOT. EOF()
   AGE1 = VAL(AGE)
   IF AGE1 > 40
      STORE CODE_NO TO CODE1
      SELECT B
      SEEK CODE1
      IF HOME_PROB = '2'
         B1 = B1 + 1
      ELSE
         A1 = A1 + 1
      ENDF
   ENDIF
SELECT A
SKIP
ENDDO
? A1
? B1
CLOSE ALL
RETURN
*************** PP4.PRG
*************** PROGRAM TO CALCULATE SCORE FOR AGE > 30
*************** MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K4 INDEX IK4
A1 = 0
B1 = 0
C1 = 0
D1 = 0
E1 = 0
F1 = 0
SELECT A
DO WHILE .NOT. EOF()
   AGE1 = VAL(AGE)
   IF AGE1 > 30
      STORE CODE_NO TO CODE1
      SELECT B
      SEEK CODE1
      IF DIVORCE = 'Y'
         A1 = A1 + 1
      ELSE
         B1 = B1 + 1
      ENDIF
      IF PRE_MARR = 'Y'
         C1 = C1 + 1
      ELSE
         D1 = D1 + 1
      ENDIF
      IF INFOR_JUD = 'Y'
         E1 = E1 + 1
      ELSE
         F1 = F1 + 1
      ENDIF
   ENDIF
ENDDO
SELECT A
SKIP
ENDDO

? A1
? B1
? C1
? D1
? E1
? F1
CLOSE ALL
RETURN

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************** PP5.PRG
************** PROGRAM TO CALCULATE SCORE FOR AGE > 30
************** MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K5 INDEX IK5
AA1 = 0
BB1 = 0
C1 = 0
D1 = 0
SELECT A
DO WHILE .NOT. EOF()
   AGE1 = VAL(AGE)
   IF AGE1 > 18
      STORE CODE_NO TO CODE1
      SEEK CODE1
      IF GENERAL_E = 'Y'
         AA1 = AA1 + 1
      ELSE
         BB1 = BB1 + 1
      ENDIF
   IF O_GENERALE = 'Y'
      C1 = C1 + 1
   ELSE
      D1 = D1 + 1
   ENDIF
   ENDIF
SELECT A
SKIP
ENDDO
? AA1
? BB1
? C1
? D1
CLOSE ALL
RETURN
*************** PP6.PRG
*************** PROGRAM TO CALCULATE SCORE FOR AGE > 18
*************** MASTER COMPUTER, AHMEDNAGAR.

SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K5 INDEX IK5
A1 = 0
B1 = 0
C1 = 0
D1 = 0
E1 = 0
F1 = 0
AA1 = 0
BB1 = 0
CC1 = 0
DD1 = 0
SELECT A
DO WHILE .NOT. EOF()
    AGE1 = VAL(AGE)
    IF AGE1 > 18
        STORE CODE_NO TO CODE1
        SEEK CODE1
        IF N_SERVANT = '1'
            A1 = A1 + 1
        ELSE
            B1 = B1 + 1
        ENDIF
        IF NS_SAR = '1'
            C1 = C1 + 1
        ELSE
            D1 = D1 + 1
        ENDIF
        IF KHAS = 'Y'
            E1 = E1 + 1
        ELSE
            F1 = F1 + 1
        ENDIF
        IF PRESIDENT = '1'
            AA1 = AA1 + 1
        ELSE
            BB1 = BB1 + 1
        ENDIF
        IF CHIEF_MIN = '1'
            CC1 = CC1 + 1
        ELSE
            DD1 = DD1 + 1
        ENDIF
        ENDDO
    SELECT A
    SKIP
ENDDO
? A1
? B1
? C1
? D1
? E1
? F1
? AA1
? BB1
? CC1
? DD1
CLOSE ALL
RETURN
********** PP7.PRG
********** PROGRAM TO CALCULATE SCORE FOR AGE > 30
********** MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K5 INDEX IK5
AA1 = 0
BB1 = 0
C1 = 0
D1 = 0
SELECT A
DO WHILE .NOT. EOF()
   AGE1 = VAL(AGE)
   IF AGE1 > 30
      STORE CODE_NO TO CODE1
      SELECT B
      SEEK CODE1
      IF IMPR_L = 'Y'
         AA1 = AA1 + 1
      ELSE
         BB1 = BB1 + 1
      ENDFI
      IF CONTACT_L = '1'
         C1 = C1 + 1
      ELSE
         D1 = D1 + 1
      ENDFI
   ENDFI
   SELECT A
   SKIP
ENDDO
? AA1
? BB1
? C1
? D1
CLOSE ALL
RETURN
*************** PP8.PRG
*************** PROGRAM TO CALCULATE SCORE FOR AGE > 30
*************** MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K5 INDEX IK5
A1 = 0
B1 = 0
SELECT A
DO WHILE .NOT. EOF()
   AGE1 = VAL(AGE)
   IF AGE1 > 30
      STORE CODE_NO TO CODE1
      SELECT B
      SEEK CODE1
      IF LADY_L = 'Y'
         A1 = A1 + 1
      ELSE
         B1 = B1 + 1
      ENDIF
   ENDIF
SELECT A
SKIP
ENDDO
? A1
? B1
CLOSE ALL
RETURN
******* PP9.PRG
******* PROGRAM TO CALCULATE SCORE FOR AGE > 30
******* MASTER COMPUTER, AHMEDNAGAR.
SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K5_SCO INDEX IK5_SCO
A1 = 0
B1 = 0
C1 = 0
SELECT A
DO WHILE .NOT. EOF()
   AGE1 = VAL(AGE)
   IF AGE1 > 30
      STORE CODE_NO TO CODE1
      SELECT B
      SEEK CODE1
      IF UND = 0 .AND. UND <= 20
         A1 = A1 + 1
      ELSE
         IF UND <= 30 .AND. UND > 20
            B1 = B1 + 1
         ELSE
            IF UND <= 50 .AND. UND > 30
               C1 = C1 + 1
      ENDIF
   ENDIF
ENDIF
SELECT A
SKIP
ENDDO
? A1
? B1
? C1
CLOSE ALL
RETURN
************ PP10.PRG
************ PROGRAM TO CALCULATE SCORE FOR AGE IS > 30
************ MASTER COMPUTER, AHMEDNAGAR.

SET TALK OFF
CLOSE ALL
CLEAR ALL
CLEAR
SELECT A
USE K1 INDEX IK1
SELECT B
USE K4 INDEX IK4
A1 = 0
B1 = 0
SELECT A
DO WHILE .NOT. EOF()
    STORE CODE_NO TO CODE1
    SELECT B
    SEEK CODE1
    IF IMPROS = 'Y'
        A1 = A1 + 1
    ELSE
        B1 = B1 + 1
    ENDIF
    SELECT A
    SKIP
ENDDO
? A1
? B1
CLOSE ALL
RETURN
PART (II):

CR/SA — It is to find the values of the contingency tables.
**** CR16.PRG
**** PROGRAM TO CALCULATE SCORE OF FAMILY BACKGROUND VS POLITICAL PARTICIPATION
**** MASTER COMPUTERS, AHMEDNAGAR.

CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE FAM_BACK >= 380 .AND. PL_PART >= 180
      A1 = A1 + 1
    CASE FAM_BACK >= 380 .AND. ( PL_PART < 180 .AND. PL_PART > 100)
      A2 = A2 + 1
    CASE FAM_BACK >= 380 .AND. PL_PART <= 100
      A3 = A3 + 1
    CASE (FAM_BACK < 380 .AND. FAM_BACK > 350) .AND. PL_PART >= 180
      A4 = A4 + 1
    CASE (FAM_BACK < 380 .AND. FAM_BACK > 350) .AND. ( PL_PART < 180 .AND. PL_PART > 100)
      A5 = A5 + 1
    CASE (FAM_BACK < 380 .AND. FAM_BACK > 350) .AND. PL_PART <= 100
      A6 = A6 + 1
    CASE FAM_BACK <= 350 .AND. PL_PART >= 180
      A7 = A7 + 1
    CASE FAM_BACK <= 350 .AND. ( PL_PART < 180 .AND. PL_PART > 100)
      A8 = A8 + 1
    CASE FAM_BACK <= 350 .AND. PL_PART <= 100
      A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL

**** PROGRAM TO CALCULATE SCORE OF FAMILY BACKGROUND VS POLITICAL KNOWLEDGE
**** MASTER COMPUTERS, AHMEDNAGAR.

CLEAR

USE QUES1

STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9

DO WHILE .NOT. EOF()
    DO CASE
        CASE FAM_BACK >= 380 .AND. PL_KNOW >= 250
            A1 = A1 + 1
        CASE FAM_BACK >= 380 .AND. (PL_KNOW < 250 .AND. PL_KNOW > 180)
            A2 = A2 + 1
        CASE FAM_BACK >= 380 .AND. PL_KNOW <= 180
            A3 = A3 + 1
        CASE (FAM_BACK < 380 .AND. FAM_BACK > 350) .AND. PL_KNOW >= 250
            A4 = A4 + 1
        CASE (FAM_BACK < 380 .AND. FAM_BACK > 350) .AND. (PL_KNOW < 250 .AND. PL_KNOW > 180)
            A5 = A5 + 1
        CASE (FAM_BACK < 380 .AND. FAM_BACK > 350) .AND. PL_KNOW <= 180
            A6 = A6 + 1
        CASE FAM_BACK <= 350 .AND. PL_KNOW >= 250
            A7 = A7 + 1
        CASE FAM_BACK <= 350 .AND. (PL_KNOW < 250 .AND. PL_KNOW > 180)
            A8 = A8 + 1
        CASE FAM_BACK <= 350 .AND. PL_KNOW <= 180
            A9 = A9 + 1
    ENDCASE
    SKIP
ENDDO

?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9

CLOSE ALL
CLEAR ALL

***** PROGRAM TO CALCULATE SCORE OF FAMILY BACKGROUND VS POLITICAL AWARENESS
***** MASTER COMPUTERS, AHMEDNAGAR.

CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE FAM_BACK >= 380 .AND. PL_AWR >= 220
      A1 = A1 + 1
    CASE FAM_BACK >= 380 .AND. ( PL_AWR < 220 .AND. PL_AWR > 150 )
      A2 = A2 + 1
    CASE FAM_BACK >= 380 .AND. PL_AWR <= 150
      A3 = A3 + 1
    CASE ( FAM_BACK < 380 .AND. FAM_BACK > 350 ) .AND. PL_AWR >= 220
      A4 = A4 + 1
    CASE ( FAM_BACK < 380 .AND. FAM_BACK > 350 ) .AND. ( PL_AWR < 220 .AND. PL_AWR > 150 )
      A5 = A5 + 1
    CASE ( FAM_BACK < 380 .AND. FAM_BACK > 350 ) .AND. PL_AWR <= 150
      A6 = A6 + 1
    CASE FAM_BACK <= 350 .AND. PL_AWR >= 220
      A7 = A7 + 1
    CASE FAM_BACK <= 350 .AND. ( PL_AWR < 220 .AND. PL_AWR > 150 )
      A8 = A8 + 1
    CASE FAM_BACK <= 350 .AND. PL_AWR <= 150
      A9 = A9 + 1
  ENDCASE
SKIP
ENDDO

?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
****** CR26.PRG
****** PROGRAM TO CALCULATE SCORE OF SOCIAL VERSUS POLITICAL PARTICIPATION
****** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE SOCIAL >= 230 .AND. PL_PART >= 160
      A1 = A1 + 1
    CASE SOCIAL >= 230 .AND. ( PL_PART < 160 .AND. PL_PART > 100)
      A2 = A2 + 1
    CASE SOCIAL >= 230 .AND. PL_PART <= 100
      A3 = A3 + 1
    CASE (SOCIAL < 230 .AND. SOCIAL > 160) .AND. PL_PART >= 160
      A4 = A4 + 1
    CASE (SOCIAL < 230 .AND. SOCIAL > 160) .AND. ( PL_PART < 160 .AND
      PL_PART > 100)
      A5 = A5 + 1
    CASE (SOCIAL < 230 .AND. SOCIAL > 160) .AND. PL_PART <= 100
      A6 = A6 + 1
    CASE SOCIAL <= 160 .AND. PL_PART >= 160
      A7 = A7 + 1
    CASE SOCIAL <= 160 .AND. ( PL_PART < 160 .AND. PL_PART > 100)
      A8 = A8 + 1
    CASE SOCIAL <= 160 .AND. PL_PART <= 100
      A9 = A9 + 1
  ENDCASE
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
****** CR27.PRG
****** PROGRAM TO CALCULATE SCORE OF SOCIAL Vs POL. KNOWLEDGE
****** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE NOT EOF()
  DO CASE
    CASE SOCIAL >= 230 .AND. PL_KNOW >= 250
      A1 = A1 + 1
    CASE SOCIAL >= 230 .AND. ( PL_KNOW < 250 .AND. PL_KNOW > 180)
      A2 = A2 + 1
    CASE SOCIAL >= 230 .AND. PL_KNOW <= 180
      A3 = A3 + 1
    CASE (SOCIAL < 230 .AND. SOCIAL > 160) .AND. PL_KNOW >= 250
      A4 = A4 + 1
    CASE (SOCIAL < 230 .AND. SOCIAL > 160) .AND. ( PL_KNOW < 250 .AND.
      PL_KNOW > 180)
      A5 = A5 + 1
    CASE (SOCIAL < 230 .AND. SOCIAL > 160) .AND. PL_KNOW <= 180
      A6 = A6 + 1
    CASE SOCIAL <= 160 .AND. PL_KNOW >= 250
      A7 = A7 + 1
    CASE SOCIAL <= 160 .AND. ( PL_KNOW < 250 .AND. PL_KNOW > 180)
      A8 = A8 + 1
    CASE SOCIAL <= 160 .AND. PL_KNOW <= 180
      A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
***** CR29.PRG
***** PROGRAM TO CALCULATE SCORE OF SOCIAL vs POLITICAL AWARENESS
***** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
    DO CASE
        CASE SOCIAL >= 230 .AND. PL_AWR >= 220
            A1 = A1 + 1
        CASE SOCIAL >= 230 .AND. ( PL_AWR < 220 .AND. PL_AWR > 150)
            A2 = A2 + 1
        CASE SOCIAL >= 230 .AND. PL_AWR <= 150
            A3 = A3 + 1
        CASE (SOCIAL < 230 .AND. SOCIAL > 160) .AND. PL_AWR >= 220
            A4 = A4 + 1
        CASE (SOCIAL < 230 .AND. SOCIAL > 160) .AND. ( PL_AWR < 220 .AND.
            PL_AWR > 150)
            A5 = A5 + 1
        CASE (SOCIAL < 230 .AND. SOCIAL > 160) .AND. PL_AWR <= 150
            A6 = A6 + 1
        CASE SOCIAL <= 160 .AND. PL_AWR >= 220
            A7 = A7 + 1
        CASE SOCIAL <= 160 .AND. ( PL_AWR < 220 .AND. PL_AWR > 150)
            A8 = A8 + 1
        CASE SOCIAL <= 160 .AND. PL_AWR <= 150
            A9 = A9 + 1
    ENDCASE
    SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
*************** CR36.PRG
* PROGRAM TO CALCULATE SCO. OF ECO. AWARENESS Vs POL. PARTICIPATION
*************** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE ECO_AWR >= 220 .AND. PL_PART >= 180
      A1 = A1 + 1
    CASE ECO_AWR >= 220 .AND. ( PL_PART < 180 .AND. PL_PART > 100)
      A2 = A2 + 1
    CASE ECO_AWR >= 220 .AND. PL_PART <= 100
      A3 = A3 + 1
    CASE (ECO_AWR < 220 .AND. ECO_AWR > 110) .AND. PL_PART >= 180
      A4 = A4 + 1
    CASE (ECO_AWR < 220 .AND. ECO_AWR > 110) .AND. ( PL_PART < 180 .AND.
      D. PL_PART > 100)
      A5 = A5 + 1
    CASE (ECO_AWR < 220 .AND. ECO_AWR > 110) .AND. PL_PART <= 100
      A6 = A6 + 1
    CASE ECO_AWR <= 110 .AND. PL_PART >= 180
      A7 = A7 + 1
    CASE ECO_AWR <= 110 .AND. ( PL_PART < 180 .AND. PL_PART > 100)
      A8 = A8 + 1
    CASE ECO_AWR <= 110 .AND. PL_PART <= 100
      A9 = A9 + 1
  ENDCASE
SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
***** CR37.PRG
***** PROGRAM TO CALCULATE SCO. OF ECO. AWARENESS Vs POL. KNOWLEDGE
***** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE ECO_AWR >= 220 .AND. PL_KNOW >= 250
       A1 = A1 + 1
    CASE ECO_AWR >= 220 .AND. ( PL_KNOW < 250 .AND. PL_KNOW > 180)
       A2 = A2 + 1
    CASE ECO_AWR >= 220 .AND. PL_KNOW <= 180
       A3 = A3 + 1
    CASE (ECO_AWR < 220 .AND. ECO_AWR > 110) .AND. PL_KNOW >= 250
       A4 = A4 + 1
    CASE (ECO_AWR < 220 .AND. ECO_AWR > 110) .AND. ( PL_KNOW < 250 .AN
       PL_KNOW > 180)
       A5 = A5 + 1
    CASE (ECO_AWR < 220 .AND. ECO_AWR > 110) .AND. PL_KNOW <= 180
       A6 = A6 + 1
    CASE ECO_AWR <= 110 .AND. PL_KNOW >= 250
       A7 = A7 + 1
    CASE ECO_AWR <= 110 .AND. ( PL_KNOW < 250 .AND. PL_KNOW > 180)
       A8 = A8 + 1
    CASE ECO_AWR <= 110 .AND. PL_KNOW <= 180
       A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL

202
***** CR39.PRG
***** PROGRAM TO CALC. SCORE OF ECO. AWARENESS Vs POL. AWARENESS
***** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE ECO_AWR >= 220 .AND. PL_AWR >= 220
      A1 = A1 + 1
    CASE ECO_AWR >= 220 .AND. ( PL_AWR < 220 .AND. PL_AWR > 150)
      A2 = A2 + 1
    CASE ECO_AWR >= 220 .AND. PL_AWR <= 150
      A3 = A3 + 1
    CASE (ECO_AWR < 220 .AND. ECO_AWR > 110) .AND. PL_AWR >= 220
      A4 = A4 + 1
      A5 = A5 + 1
    CASE (ECO_AWR < 220 .AND. ECO_AWR > 110) .AND. ( PL_AWR < 220 .AND.
      PL_AWR > 150)
      A6 = A6 + 1
    CASE ECO_AWR <= 110 .AND. PL_AWR >= 220
      A7 = A7 + 1
    CASE ECO_AWR <= 110 .AND. ( PL_AWR < 220 .AND. PL_AWR > 150)
      A8 = A8 + 1
      A9 = A9 + 1
  ENDCASE
  ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
203
**** CR46.PRG
**** PROGRAM TO CALCULATE SCO. OF MASS MEDIA Vs POL.PARTICIPATION
**** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE MASS_MED >= 180 .AND. PL_PART >= 180
      A1 = A1 + 1
    CASE MASS_MED >= 180 .AND. ( PL_PART < 180 .AND. PL_PART > 100)
      A2 = A2 + 1
    CASE MASS_MED >= 180 .AND. PL_PART <= 100
      A3 = A3 + 1
    CASE (MASS_MED < 180 .AND. MASS_MED > 60) .AND. PL_PART >= 180
      A4 = A4 + 1
    CASE (MASS_MED < 180 .AND. MASS_MED > 60) .AND. ( PL_PART < 180 .AND. PL_PART > 100)
      A5 = A5 + 1
    CASE (MASS_MED < 180 .AND. MASS_MED > 60) .AND. PL_PART <= 100
      A6 = A6 + 1
    CASE MASS_MED <= 60 .AND. PL_PART >= 180
      A7 = A7 + 1
    CASE MASS_MED <= 60 .AND. ( PL_PART < 180 .AND. PL_PART > 100)
      A8 = A8 + 1
    CASE MASS_MED <= 60 .AND. PL_PART <= 100
      A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
**** CR47.PRG
**** PROGRAM TO CALCULATE SCORE OF MASS MEDIA VS POL. KNOWLEDGE
**** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1, A2, A3, A4, A5, A6, A7, A8, A9
DO WHILE .NOT. EOF()
   DO CASE
      CASE MASS_MED >= 180 .AND. PL_KNOW >= 250
         A1 = A1 + 1
      CASE MASS_MED >= 180 .AND. ( PL_KNOW < 250 .AND. PL_KNOW > 180)
         A2 = A2 + 1
      CASE MASS_MED > 180 .AND. PL_KNOW <= 180
         A3 = A3 + 1
      CASE (MASS_MED < 180 .AND. MASS_MED > 60) .AND. PL_KNOW >= 250
         A4 = A4 + 1
      CASE (MASS_MED < 180 .AND. MASS_MED > 60) .AND. (PL_KNOW < 250 .AND.
         PL_KNOW > 180)
         A5 = A5 + 1
      CASE (MASS_MED < 180 .AND. MASS_MED > 60) .AND. PL_KNOW <= 180
         A6 = A6 + 1
      CASE MASS_MED <= 60 .AND. PL_KNOW >= 250
         A7 = A7 + 1
      CASE MASS_MED <= 60 .AND. ( PL_KNOW < 250 .AND. PL_KNOW > 180)
         A8 = A8 + 1
      CASE MASS_MED <= 60 .AND. PL_KNOW <= 180
         A9 = A9 + 1
   ENDCASE
   SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL

205
***** CR49.PRG
***** PROGRAM TO CALCULATE SCORE OF MASS MEDIA Vs POL. AWARENESS
***** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE MASS_MED >= 180 .AND. PL_AWR >= 220
      A1 = A1 + 1
    CASE MASS_MED >= 180 .AND. (PL_AWR < 220 .AND. PL_AWR > 150)
      A2 = A2 + 1
    CASE MASS_MED >= 180 .AND. PL_AWR <= 150
      A3 = A3 + 1
    CASE (MASS_MED < 180 .AND. MASS_MED > 60) .AND. PL_AWR >= 220
      A4 = A4 + 1
    CASE (MASS_MED < 180 .AND. MASS_MED > 60) .AND. (PL_AWR < 220 .AND. PL_AWR > 150)
      A5 = A5 + 1
    CASE (MASS_MED < 180 .AND. MASS_MED > 60) .AND. PL_AWR <= 150
      A6 = A6 + 1
    CASE MASS_MED <= 60 .AND. PL_AWR >= 220
      A7 = A7 + 1
    CASE MASS_MED <= 60 .AND. (PL_AWR < 220 .AND. PL_AWR > 150)
      A8 = A8 + 1
    CASE MASS_MED <= 60 .AND. PL_AWR <= 150
      A9 = A9 + 1
  ENDCASE
SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
**** CR56.PRG
**** PROGRAM TO CALC.SCO.OF PROF. AWARENESS Vs POL. PARTICIPATION
**** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
  CASE PROF_AWR >= 370 .AND. PL_PART >= 180
     A1 = A1 + 1
  CASE PROF_AWR >= 370 .AND. ( PL_PART < 180 .AND. PL_PART > 100)
     A2 = A2 + 1
  CASE PROF_AWR >= 370 .AND. PL_PART <= 100
     A3 = A3 + 1
  CASE (PROF_AWR < 370 .AND. PROF_AWR > 180) .AND. PL_PART >= 180
     A4 = A4 + 1
  CASE (PROF_AWR < 370 .AND. PROF_AWR > 180) .AND. ( PL_PART < 180 .AND. PL_PART > 100)
     A5 = A5 + 1
  CASE (PROF_AWR < 370 .AND. PROF_AWR > 180) .AND. PL_PART <= 100
     A6 = A6 + 1
  CASE PROF_AWR <= 180 .AND. PL_PART >= 180
     A7 = A7 + 1
  CASE PROF_AWR <= 180 .AND. ( PL_PART < 180 .AND. PL_PART > 100)
     A8 = A8 + 1
  CASE PROF_AWR <= 180 .AND. PL_PART <= 100
     A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
$$$$ CR57.PRG
$$$$ PROGRAM TO CALCULATE SCO. OF PROF. AWARENESS Vs POL. KNOWLEDGE
$$$$ MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
   DO CASE
      CASE PROF_AWR >= 370 .AND. PL_KNOW >= 250
          A1 = A1 + 1
       CASE PROF_AWR >= 370 .AND. ( PL_KNOW < 250 .AND. PL_KNOW > 180)
          A2 = A2 + 1
      CASE PROF_AWR >= 370 .AND. PL_KNOW <= 180
          A3 = A3 + 1
      CASE (PROF_AWR < 370 .AND. PROF_AWR > 180) .AND. PL_KNOW >= 250
          A4 = A4 + 1
      CASE (PROF_AWR < 370 .AND. PROF_AWR > 180) .AND. ( PL_KNOW < 250 .
          A5 = A5 + 1
          ND. PL_KNOW > 160)
      CASE (PROF_AWR < 370 .AND. PROF_AWR > 180) .AND. PL_KNOW <= 180
          A6 = A6 + 1
      CASE PROF_AWR <= 180 .AND. PL_KNOW >= 250
          A7 = A7 + 1
      CASE PROF_AWR <= 180 .AND. ( PL_KNOW < 250 .AND. PL_KNOW > 180)
          A8 = A8 + 1
      CASE PROF_AWR <= 180 .AND. PL_KNOW <= 180
          A9 = A9 + 1
     ENDCASE
   SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
***** CR59.PRG
***** PROGRAM TO CALC. SCORE OF PROF. AWARENESS VS POL. AWARENESS
***** MASTER COMPUTERS, AHMEDNAGAR.
CLEAR ALL
CLEAR
USE QUES1
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE PROF_AWR >= 370 .AND. PL_AWR >= 220
      A1 = A1 + 1
    CASE PROF_AWR >= 370 .AND. ( PL_AWR < 220 .AND. PL_AWR > 150)
      A2 = A2 + 1
    CASE PROF_AWR >= 370 .AND. PL_AWR <= 150
      A3 = A3 + 1
    CASE (PROF_AWR < 370 .AND. PROF_AWR > 180) .AND. PL_AWR >= 220
      A4 = A4 + 1
    CASE (PROF_AWR < 370 .AND. PROF_AWR > 180) .AND. ( PL_AWR < 220 .AND. PL_AWR > 150)
      A5 = A5 + 1
    CASE (PROF_AWR < 370 .AND. PROF_AWR > 180) .AND. PL_AWR <= 150
      A6 = A6 + 1
    CASE PROF_AWR <= 180 .AND. PL_AWR >= 220
      A7 = A7 + 1
    CASE PROF_AWR <= 180 .AND. ( PL_AWR < 220 .AND. PL_AWR > 150)
      A8 = A8 + 1
    CASE PROF_AWR <= 180 .AND. PL_AWR <= 150
      A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
********** SA1.PRG
********** PROGRAM TO CALC. SCORE OF EXP. VS POLITICAL AWARENESS
********** MASTER COMPUTER, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
    CASE EXP >= 400 .AND. PO_AWR >= 225
      A1 = A1 + 1
    CASE EXP >= 400 .AND. ( PO_AWR < 225 .AND. PO_AWR > 210)
      A2 = A2 + 1
    CASE EXP >= 400 .AND. PO_AWR <= 210
      A3 = A3 + 1
    CASE (EXP < 400 .AND. EXP > 330) .AND. PO_AWR >= 225
      A4 = A4 + 1
    CASE (EXP < 400 .AND. EXP > 330) .AND. ( PO_AWR < 225 .AND. PO_AWR <= 210)
      A5 = A5 + 1
    CASE (EXP < 400 .AND. EXP > 330) .AND. PO_AWR <= 210
      A6 = A6 + 1
    CASE EXP <= 330 .AND. PO_AWR >= 225
      A7 = A7 + 1
    CASE EXP <= 330 .AND. ( PO_AWR < 225 .AND. PO_AWR > 210)
      A8 = A8 + 1
    CASE EXP <= 330 .AND. PO_AWR <= 210
      A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL

210
************ SA2.PRG
************ PROGRAM TO CALCULATE SCORE OF EXP. VS POLITICAL PART A
************ MASTER COMPUTER, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
    DO CASE
        CASE EXP >= 400 .AND. PO_PART_A >= 185
            A1 = A1 + 1
        CASE EXP >= 400 .AND. ( PO_PART_A < 185 .AND. PO_PART_A > 170) 
            A2 = A2 + 1
        CASE EXP >= 400 .AND. PO_PART_A <= 170
            A3 = A3 + 1
        CASE (EXP < 400 .AND. EXP > 330) .AND. PO_PART_A >= 185
            A4 = A4 + 1
        CASE (EXP < 400 .AND. EXP > 330) .AND. ( PO_PART_A < 185 .AND. PO_PART_A > 170)
            A5 = A5 + 1
        CASE (EXP < 400 .AND. EXP > 330) .AND. PO_PART_A <= 170
            A6 = A6 + 1
        CASE EXP <= 330 .AND. PO_PART_A >= 185
            A7 = A7 + 1
        CASE EXP <= 330 .AND. ( PO_PART_A < 185 .AND. PO_PART_A > 170)
            A8 = A8 + 1
        CASE EXP <= 330 .AND. PO_PART_A <= 170
            A9 = A9 + 1
    ENDCASE
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
************** SA3.PRG
************** PROGRAM TO CALCULATE SCORE OF EXP. VS POLITICAL PART B
************** MASTER COMPUTER, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  DO CASE
  CASE EXP >= 400 .AND. PO_PART_B >= 170
    A1 = A1 + 1
  CASE EXP >= 400 .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
    A2 = A2 + 1
  CASE EXP >= 400 .AND. PO_PART_B <= 155
    A3 = A3 + 1
  CASE (EXP < 400 .AND. EXP > 330) .AND. PO_PART_B >= 170
    A4 = A4 + 1
  CASE (EXP < 400 .AND. EXP > 330) .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
    A5 = A5 + 1
  CASE (EXP < 400 .AND. EXP > 330) .AND. PO_PART_B <= 155
    A6 = A6 + 1
  CASE EXP <= 330 .AND. PO_PART_B >= 170
    A7 = A7 + 1
  CASE EXP <= 330 .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
    A8 = A8 + 1
  CASE EXP <= 330 .AND. PO_PART_B <= 155
    A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
****** SA4.PRG
****** PROGRAM TO CALCULATE SCORE OF EXPERIENCE VS OTHERS
****** MASTER COMPUTER, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE NOT. EOF()
   DO CASE
      CASE EXP >= 400 .AND. OTHER >= 125
         A1 = A1 + 1
      CASE EXP >= 400 .AND. ( OTHER < 125 .AND. OTHER > 85)
         A2 = A2 + 1
      CASE EXP >= 400 .AND. OTHER <= 85
         A3 = A3 + 1
      CASE (EXP < 400 .AND. EXP > 330) .AND. OTHER >= 125
         A4 = A4 + 1
      CASE (EXP < 400 .AND. EXP > 330) .AND. ( OTHER < 125 .AND. OTHER > 85)
         A5 = A5 + 1
      CASE (EXP < 400 .AND. EXP > 330) .AND. OTHER <= 85
         A6 = A6 + 1
      CASE EXP <= 330 .AND. OTHER >= 125
         A7 = A7 + 1
      CASE EXP <= 330 .AND. ( OTHER < 125 .AND. OTHER > 85)
         A8 = A8 + 1
      CASE EXP <= 330 .AND. OTHER <= 85
         A9 = A9 + 1
   ENDCASE
   SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL

213
***** SA5.PRG
***** PROGRAM TO CALCULATE SCORE OF KNOWLEDGE Vs POL. AWARENESS
***** MASTER COMPUTERS, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
   DO CASE
   CASE KNOW >= 510 .AND. PO_AWR >= 225
        A1 = A1 + 1
   CASE KNOW >= 510 .AND. ( PO_AWR < 225 .AND. PO_AWR > 210)
        A2 = A2 + 1
   CASE KNOW >= 510 .AND. PO_AWR <= 210
        A3 = A3 + 1
   CASE (KNOW < 510 .AND. KNOW > 430) .AND. PO_AWR >= 225
        A4 = A4 + 1
   CASE (KNOW < 510 .AND. KNOW > 430) .AND. ( PO_AWR < 225 .AND. PO_AWR > 210)
        A5 = A5 + 1
   CASE (KNOW < 510 .AND. KNOW > 430) .AND. PO_AWR <= 210
        A6 = A6 + 1
   CASE KNOW <= 430 .AND. PO_AWR >= 225
        A7 = A7 + 1
   CASE KNOW <= 430 .AND. ( PO_AWR < 225 .AND. PO_AWR > 210)
        A8 = A8 + 1
   CASE KNOW <= 430 .AND. PO_AWR <= 210
        A9 = A9 + 1
   ENDCASE
   SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
***** SAS.PRG
***** PROGRAM TO CALCULATE SCORE OF KNOWLEDGE vs POL. PART A
***** MASTER COMPUTER, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
   DO CASE
      CASE KNOW >= 510 .AND. PO_PART_A >= 185
         A1 = A1 + 1
      CASE KNOW >= 510 .AND. (PO_PART_A < 185 .AND. PO_PART_A > 170)
         A2 = A2 + 1
      CASE KNOW >= 510 .AND. PO_PART_A <= 170
         A3 = A3 + 1
      CASE (KNOW < 510 .AND. KNOW > 430) .AND. PO_PART_A >= 185
         A4 = A4 + 1
      CASE (KNOW < 510 .AND. KNOW > 430) .AND. (PO_PART_A < 185 .AND. PO_PART_A > 170)
         A5 = A5 + 1
      CASE (KNOW < 510 .AND. KNOW > 430) .AND. PO_PART_A <= 170
         A6 = A6 + 1
      CASE KNOW <= 430 .AND. PO_PART_A >= 185
         A7 = A7 + 1
      CASE KNOW <= 430 .AND. (PO_PART_A < 185 .AND. PO_PART_A > 170)
         A8 = A8 + 1
      CASE KNOW <= 430 .AND. PO_PART_A <= 170
         A9 = A9 + 1
      ENDCASE
      SKIP
   ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
***** SA7.PRG
***** PROGRAM TO CALCULATE SCORE OF KNOWLEDGE Vs POL. PART B
***** MASTER COMPUTER, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
    DO CASE
        CASE KNOW >= 510 .AND. PO_PART_B >= 170
            A1 = A1 + 1
        CASE KNOW >= 510 .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
            A2 = A2 + 1
        CASE KNOW >= 510 .AND. PO_PART_B <= 155
            A3 = A3 + 1
        CASE (KNOW < 510 .AND. KNOW > 430) .AND. PO_PART_B >= 170
            A4 = A4 + 1
        CASE (KNOW < 510 .AND. KNOW > 430) .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
            A5 = A5 + 1
        CASE (KNOW < 510 .AND. KNOW > 430) .AND. PO_PART_B <= 155
            A6 = A6 + 1
        CASE KNOW <= 430 .AND. PO_PART_B >= 170
            A7 = A7 + 1
        CASE KNOW <= 430 .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
            A8 = A8 + 1
        CASE KNOW <= 430 .AND. PO_PART_B <= 155
            A9 = A9 + 1
    ENDCASE
    SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
*********** SAB.PRG
*********** PROGRAM TO CALCULATE SCORE OF KNOWLEDGE Vs OTHERS
*********** MASTER COMPUTER, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
   DO CASE
       CASE KNOW >= 510 .AND. OTHER >= 125
           A1 = A1 + 1
       CASE KNOW >= 510 .AND. ( OTHER < 125 .AND. OTHER > 85)
           A2 = A2 + 1
       CASE KNOW >= 510 .AND. OTHER <= 85
           A3 = A3 + 1
       CASE (KNOW < 510 .AND. KNOW > 430) .AND. OTHER >= 125
           A4 = A4 + 1
       CASE (KNOW < 510 .AND. KNOW > 430) .AND. ( OTHER < 125 .AND. OTHER 
           85)
           A5 = A5 + 1
       CASE (KNOW < 510 .AND. KNOW > 430) .AND. OTHER <= 85
           A6 = A6 + 1
       CASE KNOW <= 430 .AND. OTHER >= 125
           A7 = A7 + 1
       CASE KNOW <= 430 .AND. ( OTHER < 125 .AND. OTHER > 85)
           A8 = A8 + 1
       CASE KNOW <= 430 .AND. OTHER <= 85
           A9 = A9 + 1
   ENDCASE
   SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL

217
*************  SA9.PRG
*************  PROGRAM TO CALC.SCORE EXP.+KNOWLEDGE Vs POL.AWARENESS
*************  MASTER COMPUTER, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE NOT. EOF()
    SCO = EXP + KNOW
    DO CASE
    CASE SCO >= 910 .AND. PO_AWR >= 225
        A1 = A1 + 1
    CASE SCO >= 910 .AND. ( PO_AWR < 225 .AND. PO_AWR > 210)
        A2 = A2 + 1
    CASE SCO >= 910 .AND. PO_AWR <= 210
        A3 = A3 + 1
    CASE (SCO < 910 .AND. SCO > 760) .AND. PO_AWR >= 225
        A4 = A4 + 1
    CASE (SCO < 910 .AND. SCO > 760) .AND. ( PO_AWR < 225 .AND. PO_AWR
        > 210)
        A5 = A5 + 1
    CASE (SCO < 910 .AND. SCO > 760) .AND. PO_AWR <= 10
        A6 = A6 + 1
    CASE SCO <= 760 .AND. PO_AWR >= 225
        A7 = A7 + 1
    CASE SCO <= 760 .AND. ( PO_AWR < 225 .AND. PO_AWR > 210)
        A8 = A8 + 1
    CASE SCO <= 760 .AND. PO_AWR <= 210
        A9 = A9 + 1
    ENDCASE
    SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL

218
***** SA11.PRG
***** PROGRAM TO CALCULATE SCORE OF EXP + KNOW VS POL. PART A
***** MASTER COMPUTER, AHMEDNAGAR.

CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()

SCO = EXP + KNOW

DO CASE

CASE SCO >= 910 .AND. PO_PART_B >= 170
A1 = A1 + 1

CASE SCO >= 910 .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
A2 = A2 + 1

CASE SCO >= 910 .AND. PO_PART_B <= 155
A3 = A3 + 1

CASE (SCO < 910 .AND. SCO > 760) .AND. PO_PART_B >= 170
A4 = A4 + 1

CASE (SCO < 910 .AND. SCO > 760) .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
A5 = A5 + 1

CASE (SCO < 910 .AND. SCO > 760) .AND. PO_PART_B <= 155
A6 = A6 + 1

CASE SCO <= 760 .AND. PO_PART_B >= 170
A7 = A7 + 1

CASE SCO <= 760 .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
A8 = A8 + 1

CASE SCO <= 760 .AND. PO_PART_B <= 155
A9 = A9 + 1

ENDCASE

SKIP
ENDDO

?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
***** SA12.PRG
***** PROGRAM TO CALCULATE SCORE OF EXP + KNOW VS OTHERS
***** MASTER COMPUTER, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
   SCO = EXP + KNOW
   DO CASE
      CASE SCO >= 910 .AND. OTHER >= 125
         A1 = A1 + 1
      CASE SCO >= 910 .AND. ( OTHER < 125 .AND. OTHER > 85)
         A2 = A2 + 1
      CASE SCO >= 910 .AND. OTHER <= 85
         A3 = A3 + 1
      CASE (SCO < 910 .AND. SCO > 760) .AND. OTHER >= 125
         A4 = A4 + 1
      CASE (SCO < 910 .AND. SCO > 760) .AND. ( OTHER < 125 .AND. OTHER > 85)
         A5 = A5 + 1
      CASE (SCO < 910 .AND. SCO > 760) .AND. OTHER <= 85
         A6 = A6 + 1
      CASE SCO <= 760 .AND. OTHER >= 125
         A7 = A7 + 1
      CASE SCO <= 760 .AND. ( OTHER < 125 .AND. OTHER > 85)
         A8 = A8 + 1
      CASE SCO <= 760 .AND. OTHER <= 85
         A9 = A9 + 1
   ENDCASE
   SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
***** SA13.PRG
***** PROGRAM TO CAL. THE SCO. EXP+KNOW+POL.AWARE VS POL.PART A
***** MASTER COMPUTERS, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE O TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  SCO = EXP + KNOW + PO_AWR
  DO CASE
    CASE SCO >= 1135 .AND. PO_PART_A >= 185
      A1 = A1 + 1
    CASE SCO >= 1135 .AND. ( PO_PART_A < 185 .AND. PO_PART_A > 170)
      A2 = A2 + 1
    CASE SCO >= 1135 .AND. PO_PART_A <= 170
      A3 = A3 + 1
    CASE (SCO < 1135 .AND. SCO > 980) .AND. PO_PART_A >= 185
      A4 = A4 + 1
    CASE (SCO < 1135 .AND. SCO > 980) .AND. ( PO_PART_A < 185 .AND. PO_PART_A > 170)
      A5 = A5 + 1
    CASE (SCO < 1135 .AND. SCO > 980) .AND. PO_PART_A <= 170
      A6 = A6 + 1
    CASE SCO <= 980 .AND. PO_PART_A >= 185
      A7 = A7 + 1
    CASE SCO <= 980 .AND. ( PO_PART_A < 185 .AND. PO_PART_A > 170)
      A8 = A8 + 1
    CASE SCO <= 980 .AND. PO_PART_A <= 170
      A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
****** SA14.PRG
****** PROGRAM TO CALC. THE SCO. EXP+KNOW+POL.AWARE Vs POL.PART B
****** MASTER COMPUTERS, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
  SCO = EXP + KNOW + PO_AWR
  DO CASE
    CASE SCO >= 1135 .AND. PO_PART_B >= 170
      A1 = A1 + 1
    CASE SCO >= 1135 .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
      A2 = A2 + 1
    CASE SCO >= 1135 .AND. PO_PART_B <= 155
      A3 = A3 + 1
    CASE (SCO < 1135 .AND. SCO > 980) .AND. PO_PART_B >= 170
      A4 = A4 + 1
    CASE (SCO < 1135 .AND. SCO > 980) .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
      A5 = A5 + 1
    CASE (SCO < 1135 .AND. SCO > 980) .AND. PO_PART_B <= 155
      A6 = A6 + 1
    CASE SCO <= 980 .AND. PO_PART_B >= 170
      A7 = A7 + 1
    CASE SCO <= 980 .AND. ( PO_PART_B < 170 .AND. PO_PART_B > 155)
      A8 = A8 + 1
    CASE SCO <= 980 .AND. PO_PART_B <= 155
      A9 = A9 + 1
  ENDCASE
  SKIP
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
****** SA15.PRG
****** PROGRAM TO CALCULATE SCORE OF EXP + KNOW VS OTHERS
****** MASTER COMPUTERS, AHMEDNAGAR.
CLOSE ALL
CLEAR ALL
CLEAR
USE MAST
STORE 0 TO A1,A2,A3,A4,A5,A6,A7,A8,A9
DO WHILE .NOT. EOF()
   SCO = EXP + KNOW
   DO CASE
   CASE SCO >= 1135 .AND. OTHER >= 125
       A1 = A1 + 1
   CASE SCO >= 1135 .AND. ( OTHER < 125 .AND. OTHER > 85)
       A2 = A2 + 1
   CASE SCO >= 1135 .AND. OTHER <= 85
       A3 = A3 + 1
   CASE (SCO < 1135 .AND. SCO > 980) .AND. OTHER >= 125
       A4 = A4 + 1
   CASE (SCO < 1135 .AND. SCO > 980) .AND. ( OTHER < 125 .AND. OTHER > 85)
       A5 = A5 + 1
   CASE (SCO < 1135 .AND. SCO > 980) .AND. OTHER <= 85
       A6 = A6 + 1
   CASE SCO <= 980 .AND. OTHER >= 125
       A7 = A7 + 1
   CASE SCO <= 980 .AND. ( OTHER < 125 .AND. OTHER > 85)
       A8 = A8 + 1
   CASE SCO <= 980 .AND. OTHER <= 85
       A9 = A9 + 1
   ENDCASE
ENDDO
?A1
?A2
?A3
?A4
?A5
?A6
?A7
?A8
?A9
CLOSE ALL
CLEAR ALL
PART (III) :

CHI-SQUARE TEST —

To find the chi-square value from contingency tables.
SET TALK OFF
CLEAR
INPUT " VALUE OF NO. OF ROWS = " TO M
INPUT " VALUE OF NO. OF COLUMNS = " TO N
M1 = 1
DO WHILE M1 <= M
   M11 = STR(M1,1)
   R_&M11 = 0
   N1 = 1
   DO WHILE N1 <= N
      N11 = STR(N1,1)
      X111 = "X_" + "&M11" + "&N11"
      INPUT " GIVE VALUES ROW WISE = " TO &X111
      R_&M11 = R_&M11 + &X111
      N1 = N1 + 1
   ENDDO
   M1 = M1 + 1
ENDDO

************
N1 = 1
TOT = 0
DO WHILE N1 <= N
   N11 = STR(N1,1)
   C_&N11 = 0
   M1 = 1
   DO WHILE M1 <= M
      M11 = STR(M1,1)
      X111 = "X_" + "&M11" + "&N11"
      C_&N11 = C_&N11 + &X111
      M1 = M1 + 1
   ENDDO
   N1 = N1 + 1
   TOT = TOT + C_&N11
ENDDO

************
************
M1 = 1
CHI = 0
DO WHILE M1 <= M
   M11 = STR(M1,1)
   N1 = 1
   DO WHILE N1 <= N
      N11 = STR(N1,1)
      X111 = "X_" + "&M11" + "&N11"
      E1 = R_&M11 * C_&N11 / TOT
      E2 = &X111 * &X111 / E1
      CHI = CHI + E2
      N1 = N1 + 1
   ENDDO
   M1 = M1 + 1
ENDDO
CHI = CHI - TOT
?CHI
CLEAR ALL