ogical extreme of emotionality border psychosis. It should be emphasized any of the five factors are insufficient any type of pathological diagnosis. in Tempersment Profile Chart in con. tation of seores is recommended. Its composite of those presented in thi

800 Senior High School Students 100 girls, Lincoln, Nebraska)

| D | C | R | Centíes |
| :---: | :---: | :---: | :---: |
| $0-5$ | $0-8$ | $69+$ | 99 |
| $6-8$ | $9-11$ | $64-68$ | $96-98$ |
| $9-10$ | $12-15$ | $60-63$ | $89-95$ |
| $11-15$ | $16-20$ | $54-59$ | $77-88$ |
| $16-20$ | $21-26$ | $49-53$ | $60-76$ |
| $21-26$ | $27-33$ | $43-48$ | $40-59$ |
| $27-32$ | $34-39$ | $37-42$ | $23-39$ |
| $33-38$ | $40-45$ | $30-36$ | $11-22$ |
| $39-42$ | $46-50$ | $24-29$ | $4-10$ |
| $43-49$ | $51-65$ | $16-23$ | $1-3$ |
| $50+$ | $56+$ | $0-15$ | 0 |


| D | C | R | Centiles |
| :---: | :---: | :---: | :---: |
| 0.1 | 0-5 | Cot | 99 |
| 2-6 | 6-9 | 66-74 | 96-98 |
| $5-8$ | 10-15 | 61-65 | 89-95 |
| 9-12 | 16-20 | 53-60 | 77-88 |
| 18-17 | 21-24 | 46-52 | 60-76 |
| 18-23 | 25-31. | 38-45 | 40-59 |
| 2:-31 | 32-38 | 30-37 | 23-39 |
| 3:1-38 | 39-46 | 23-29 | 11-22 |
| $3!1-44$ | 47-53 | 15-22 | 4-10 |
| 43.49 | 54-59 | 10-14 | $1-3$ |
| $50+$ | $60+$ | 0-9 | 0 |

pased upon 80 Adults
fed 22 tc 54 years, Los Angeles, Calif.)

| D | C | R | Centiles |
| :---: | :---: | :---: | :---: |
| $0-4$ | $0-4$ | $63+$ | 99 |
| $5-8$ | $5-7$ | $56-62$ | $96-98$ |
| $9-13$ | $8-11$ | $48-55$ | $89-95$ |
| $14-19$ | $12-16$ | $42-47$ | $77-88$ |
| $20-26$ | $17-22$ | $37-41$ | $60-76$ |
| $27-30$ | $23-30$ | $32-36$ | $40-59$ |
| $31-34$ | $31-37$ | $25-31$ | $23-39$ |
| $35-41$ | $38-45$ | $90-24$ | $11-22$ |
| $42-49$ | $46-52$ | $16-19$ | $4-10$ |
| $50-53$ | $53-59$ | $14-15$ | $1-3$ |
| $54+$ | $60+$ | $0-13$ | 0 |

Fand R. B. Guilford, Pentonality Factors, D, R. 2, $1939.34,21.36$.
divon, The Theery of the Eatimation of Teat Ra - 151.160. Age: Difurrones and Sex Difierences,
Gefo. Paychol., 1944. 31, 219-229. thene: Ftriologic Factore in the Adjuntmont a $a^{2}$ d. 1943. 4, 129-139.
tatititica in Paychology and Edacation, New Yark 42. Ch. VII.
83. In social conversations, are you usually a listener rather than a talker? ..... Yes ? No
84. Do you frequently feel that people around you are talking about you? ..... Yas
85. Do you like to have time to be alone with your thoughts? ..... ? 1 No ..... 84
85
86. Do you find it difficult to go to sleep at night because experiences of the day keep "running through your head"? ..... Yes ? No ..... 86
87. Are you inclined to take your work casually, that is, as a matter of course? ..... 87
88. Are you inclined to avoid meeting certain people on the street (bill collectors and the like not included)? ..... Yes
$\begin{array}{lll}\text { ? } & \text { No } & 88 \\ \text { ? } & \text { No } & 89 \\ \text { ? } & \text { No } & 90\end{array}$
89. Do you find it easy, as a rule, to make new arquaintances?
91. Are you troubled about being self-conscious? ..... Yes
92. Do you often feel restless while listening to a lecture? ..... 92
93. Do you believe that people often misunderstand what you say?. ..... 93
95. Does your mind wander badly so you lose track of what you are doing? ..... Yes
96. Are you often in a state of excitement?YesYes98. Do you prefer to be conservative in the matter of dress and personal appearance?.Yes? No 98
99. Do you like to discuss the more serious questions of life with your friends? ..... YesYes100. Are you inclined to keep your opinions to yourself during group discussions (notclass discussions)?
101. Do you enjoy thinking out complicated problems? ..... Yes102. Are you inclined to be introspective, that is, to analyze yourself?.
103. Are there times when you seek to be alone and you cannot bear the company ofYesYesanyone?
Yes
104. Are you much concerned over the morals of others? ..... No 104
No 103
Yes
Yes
105. Do you frequently take time out just to meditate about things in general? ..... Yes
106. Are you usually unconcerned about the future? Are you usually unconcernedYes107. Do you usually become so alsorbed in watching an athletic contest that you com-pletely forget yourself?
Yes
108. Can you relax yourself easily when sitting down? ..... Yes
109. Are you usually a "good mixer"? ..... Yes
110. Do you usually prefer a "slapstick" comedy to a serious drama at the moviesi. ..... Yes
111. Dn you frequently find it difficult to go to sleep at night, eve
Yes
Yes
112. Would you rate yourself as a happy-go-lucky individual? ..... Yes
113. Do you ever take your work as if it were a matter of life or death? ..... Yes
114. Do you often "have the time of your life" at social affairs? ..... Yes
115. Do you think there is a great deal more happiness in the world than misery? ..... Yes116. Are you frequently "lost in thought"?Yes
117. Have you often lost sleep over your worries? ..... Yes
118. Do you like to mix socially with people? 119. Do you believe that the morals of modern youth are generally superior to those afYes ? No119
former generations? ..... Yes
120. Are you iuclined to think over your failures long after they are pasif ther when
121. Are there times when your mind seems to work very slowly and or......................... Yesit works very rapidly?................................ whenever possible?YesYes? No 12122. Are you inclined to avoid all people whenever possible?Yes

124. Do you usually feel disappointments so keenly thatmird?
Yes125. Do you derive more real satisfaction from social activities than from anying126. When derive more real sat your future does it usually seem very optimisic?............Yes126. When you stop to consider your future does it usually seem ver Yes0 "blue" that life seems hardly worth living?

# THE GUILFORD-MARTIN PERSONNEL INVENTOR'i 

| ............. $\mathrm{Y}_{\text {es }}$ | 1 | No | 25 |
| :---: | :---: | :---: | :---: |
| ..............Yes | 1 | No | 28 |
| Yes | 1 | No | 27 |
| accomplished ¢ . Yes | 1 | No | 28 |
| a bit Zike yout. Yee try to see what | 1 | $\mathrm{N}_{0}$ | 29 |
| ............. Kes | 1 | No | 30 |
| Yes | 1 | Ne | 31 |
| $y$ in need of |  |  |  |
| ...Yes | , | No | 32 |
| Yes | 1 | No | 33 |
| Yes | 1 | Nu | 34 |
| Yes | ? | Fo | 35 |
| Yea | 1 | Vo | 36 |
| obbien rather |  |  |  |
| ............... Yes | 1 | No | 87 |
| e even though | $?$ | No | 38 |
| Yes | P | No | 39 |
| Yes | 1 | No | 40 |
| Yes | 1 | No | 41 |
| Yes | 1 | No | 42 |
| d yout..... Yes | 1 | No | 43 |
| ". or to "tell.... Yes | 1 | No | 44 |
| Yes | 1 | No | 45 |
| Yes | 1 | No | 46 |
| your feelings | 1 | No | 47 |
| to do things | 1 | No | 48 |
| distarbs your | $\dagger$ | No | 49 |
| Yes | 1 | No | 50 |
| If as to who | i | No | 51 |
|  | 1 | No | 52 |
| are desl in | 1 | No | 53 |
| Yes | 1 | No | 54 |
| ouehy!. $\qquad$ Yes | 1 | No | 55 |
| ............ Yes | 1 | No | 56 |
| to the plans Yes | 1 | No | 57 |
| . Yes | 1 | No | 58 |
| Yes | 1 | No | 59 |
| Yes | 1 | No | 60 |
|  | 1 | No | 61 |
| eating some. | 1 | No | 62 |
| Yes |  | No | 63 |
| wn gamef.. Yes | 1 | No | 64 |
| without |  | No | 65 |
|  |  | No | 66 |
|  |  |  | 67 |
|  |  | No | 68 |

similar experiments be conducted in any particular industrial sitaation before the Inventory is put to the use of making this liad of discriminations. Critical scores based upon experience are best for each situation. In this way the maximal usefulness of the test can be assured, aad its validity for the purpose intended can be demonstrated. The Test Division of the Sheridan Supply Co. is prepared to render advisory service on technical matters in connection with sach validation stadies.

Administration of the Investory.-Best results will be obtained if the test is administered to subjects individually or in small groups under supervision. An appeal for full cooperation is desira ${ }^{2}$ le. Ideainy, any implication that the individual's future status will hinge on the outcome should be avoided. The instruetions as printed on the test booklet should not be altered by additions or amendments. Every person should be given sufficient time to complete the test. All can usually finish within 30 samutes.

Scoring the Inventory.-See page 1 of transparent scoring keys for directions for scoring. Th score in each factor is the total number of points from the four pages for that factor. Recard these three totals at the top of page 1 of the test booklet at the right of "Raw Scores." The raw scores may now be converted into scaled scores (C-scores) by reference to the table below:

| C-Score |  | Raw Scores |  | C-Score |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0 | A/6 | Co |  |  |
| 10 | $71+$ | $50+$ | $97+$ | 10 | (highest 1\%) |
| 9 | 68-70 | 53-55 | 89-96 | 9 | (next 3\%) |
| 8 | 62-67 | 47-52 | 81-88 | 8 | (next 7\%) |
| 7 | b6-61 | 42-46 | 72-80 | 7 | (next 12\%) |
| 6 | 49-4 | 37-41 | 65-71 | 6 | (next 17\%) |
| 5 | 4242 | 32-36 | 54-64 | 5 | (average-20\%) |
| 4 | 96-41 | 27-31 | 45-63 | 4 | (next 17\%) |
| 3 | 28-35 | 22-26 | 35-44 | 3 | (next 12\%) |
| 2 | 20-27 | 17-21 | 27-34 | 2 | (next 7\%) |
| 1 | 13-19 | 12-16 | 20-26 | 1 | (next 3\%) |
| 0 | 0-12 | 0-11 | 0-19 | 0 | (lowest 1\%) |

Interpretation of the Scores. - Scores have meazing only when referred to certain landmarks, such as averages, highest scores and lowest scores. More definite ideas can be obtcined from a set of norms such as those in the above table. This table of norms was derived from the 500 papers upon which the item selections and reliabilities were also based. A standprd C-scale of 11 points is used for all three traits. Each person's raw seore can se readily converted into the common C-scale in the follow ing manner. Note that corresponding to each C -scare the high. est and lowest raw score is given for each trait. Thus, all haw scores from. 54 through 64 in trait Ce correspond to a C-score of 5 . Raw scores from 0 through 12 on trait 0 corresp nnd to a C-score of 0 . Scores of 56 and up for trait Ag correspond to a C-score of 10. A person with raw scores of 28,18 and 70 for traits $0, \mathrm{Ag}$ and Co, respectively, would have C-scores of 3,1 and 6 in those same traits. From these C-scores it can readily be seen thin this person is rather low in objectivity, in the lowest four percent of the gruap in agreeableness, and just slightly above average in cooperation ( 5 is always average). High scores here also mean favorable characteristics and low scoras mean unfavorable characteristics. The C-scores have the distinct advantage of placing an individual with respect to the distribution of a large sample. It must be remembered, however, that the sample on which the norms were based was not seeking employment or promotion. In groups under other circumstances scores may not be at all comparable. The norms as given apply where rather fill cooperation and hontsty of the individual may be taken for granted.
69. Do you feel that may young 1
70. Are most yeople thigghtless of
71. Are you continually somptritig
12. Do a lot of people you havelnt
73. tenerally speaking, do you b livuself deser res to thake a be
74. Do you find that generally if?
75. Can a person get ahead by hi $\}$ every turn?
76. Do you consider yoursel a arst
77. Do you think your generation generation hadf.
78. De other people pay more atter
79. When things become dull do yo
80. Do you think the educational respects 4 ..
81. Do you usually receive criticise
82. Have you ever found out that know ss much as you did sboo?
83. Is there anyone you know perso
84. Are there important chaniges yo you could have a subatantial it
85. Do you think that most people a
86. In most situations is it all righ? to a friend 1
87. Have you veiy misch resented orders?
88. Are you as quiek as other peop
80. Do people frequertly tallk aboi
90. Is it almost unbear blie for yon
91. Is it true that people will gene himself onee in a while?.
92. Have you known many "two-
93. Can roost prople be trusted ef
94. Do you derive considerable sa them to:
95. Do you believe that all publid interests first?
96. Should the government take business? ...... $\mathrm{E}=1$, ...............
97. Ais your feelinys rathar easily
98. Generally rpeaking, do you be" up what is nsually "cutthroat'
99. Do you ustially get more chan
100. Are there many kinds of work beneath yon?...
101. Do yoc think the a lot of sympathy from others?.
102. Do people ever accusit you of b
103. Have you aften felt that certait
104. Wonld you prefer a herd jo uninteresting . ........
105. Have you frequently w blied regard you as an inferior
106. Have you frequently become members of ynur facily ${ }^{\prime}$. . .
107. Is it diffienlit for you not ta bea
108. If you could have your way ah nature $f$
109. Are nany of your supposed friends really insincere?

Yes I No 100
110. Do many people think you are "hard-boiled"'

Yes
1 No 110
111. Does everything that happens seem to have a relationship to your own life or experiencet.

Yes
1 No 111
12. Do some people become so bossy or dominearing that you want to do the oppocite of everything they tell jou to dof.

Yes 1 No 112
113. Do other people often deliberately make things hard for youf....................... Yes
114. Are there times when it seems that everyone is against you9...................... Yes

1. No 118
2. Are there times when it seems thinals make a daring escape from prison do you sometimes secretly hope that they will avoid capture?.

Yes
6. Do you sometimes feel contempt for the opinions of others?.

Yes

118. Do you often feel that you are left out of things, perhaps unintentionally, in group activities ?

Yes 1 No 118
19. Is it difficult for anyone to impose upon you for the reason that you are usually wise to their intentions?

Yes i $\mathrm{N}_{0} 119$
120. Does the United States Government owe every one of its citizeus a decent living \%... Yes I No 122
121. Is the person who carelessly leaves valuable property lying around as much to blame as the person who appropriates it Ror his own use? .................................... Yes
122. Heve some people criticized you utjustly to others $9 . . . . . . . . . . . . . . . . . . . . .$. Yes
123. Will most people in business bear cluse vatching $v$ hen you are dealing with themi... Yes in in
124. Are you deserving of things far better than is you present loti.................... Yes \& No 124
125. Do you think no one would keep to the "straight and narrow path" were it not for the fear of being caught?
126. When you lose something do you often begin to suspect someone of either having taken it or having misplaced it?.

Yes 1 No 125
Yes 1 No 126 127. Do you think that most people who allow themselves to come under the rule of a dietator are to blame for their plight $1 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .$. Y
128. Is there any subject on which you wouid like to hold a public indignation meeting for the purpose of organizing a mass protest?
189. Were you ever seriously double-crossed 1 ...............................................
130. Do you believe the parole system works more to the advantage of the prisoner than ts the advantage of society $\uparrow . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .$.
131. Do yun terd to let people run over you more than you should for your own goodi.... Yes i No 180
132. Have you frequently felt, like telling "nosey" people to mind their own business?..... Yes i No 132
133. Have you often found it necessary to stand up for what you believe to be right9..... Yes i No. 183
134. Do you usually seek to become an officer in any organization to which you belongi.. Yes i No 13
135. Were you ever so deaply in debt that you did not know where the meney was coming from to pay what you owed?.

Ye
136. Ir group undertakings do you usually manage to have your own plans jut into effeet?. Yes
137. Do other people often blame you for things unfairly?

Yes
138. In most cases is it importent to get what you want even if you have to come into confliet with other people in order to get it?...
138. conflict with other people in order to get it $\uparrow . . . . . . . . . . . . . . . . . . . . . . . . . . . .$. Yes
239. Have other people been too ready to accept credit which rightfully belongs to you i. Yes
140. Do you sometimes feel sorry for all the people in the world $1 . . . . . . . . . . . . . . . . .$. . Yes
141. Have you had more than your share of hard luck?. Yes
142. Do other people often try to put things over on you when you are not watching' .... Yes
143. Is there any person whom you would particularly like to "put in his (or her) piace"?. Yes
144. Do you believe that most people require someone to tell them what to dof.......... Yes
145. Is there any piece of music that usually makes you weep when you hear it $9 . . . . .$. ... Yes
146. Are people in general out to get more than they givel.

Yes
147. Do yoz often find it necessary to return merchandise to a store because it turns out to be not as represented!.

Yes
8. Do people near you somstimes whisper or look knowingly at one another when they think you are not noticing them 9

Yes
149. If someone rudely crowds ahead of you in line, do you tell him where he belongsi.... Yes
150. Have you marked an answer ("Yes," " $\uparrow$," or "No") for every one of the above questions 1.

Yes i No 50

Mr. Mrs.<br>Name Miss.<br>(Cross out two)<br>Nearest age (encircle):<br>$\begin{array}{llllllll}15 & 20 & 25 & 30 & 35 & 40 & 45 & 50\end{array} 55$

DIRECTIONS: Below you will or "No." Read each queation it draw a circle around the answer that are unable to decide between the "Tef answer to any of these questions excep

Do you belleve that you know know theira?
. Does your personallty stand out
3. When elfmbing stairs do you oit
4. Do you often feel the need for a
5. When you think you reecgnize him whether you have mat him
6. Do you have one or more abilit! people?
7. Do you express such emotions a
8. Do you feel that people almost
9. Do you become very annoyed wl
10. Do you and it dtfienit to get ri glve your time?.
11. Have you ever kept a perional
12. When going somewhere in an as In slow-moving tramel...
13. Are you aitraid of deep water?..
14. Are you inelined to be quilek it
15. Do you frequently feel thwarted
16. Do you usually hestate to take so makes you appear conspleuol
17. Do you cry rather easily? .
18. Do you believe you have been bi
19. Are there ever times when you did not control yousselff.
20. Do you always know what to 1
21. At work or at play, do other pel
22. Do you often wish you were st? than you?
23. De you (or would you) siver he
24. Do you often find that you can
25. Do you find it easy to start a of
26. Do you often become irritated o
27. If an aequaintance of yours ha about you, do you usually "havy

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# AN INVENTORY OF FACTORS STDCR 

## Manual of Directions and Norms REVISED EDITION

The Factors Described.-This Inventory was developed on basis of factor-analysis studies of items in personality quesanaires. The factors S, T, D, C, and $R$ taken together were and to encompass the area of personalioking, only factors $\mathrm{S}, \mathrm{T}$, introversion-extraversion. surict they represent three distinet $\$ \mathrm{R}$ belong in this category, Factors D and C are more pes of introversion-xted as emotionality factors which were meerly confused with the Jungian categories. More specifically, factors are defined in what follows immediately. Each factor sally represents a descriper designation was adopted to stand noppotive poles. The letter of the scale in each case.

S-Social introversion-extraversion.-Shyness, seclusiveness, tendency to withdraw from social contacts, versus sociability, tendeney to seek social contacts and to enjoy the company of others.
T-Thinking introversion-extraversion.-An inclination to meditative or reflective thinking, philosophizing, analysis of one's self and others, versus an extravertive orientation of thinking.
D-Depression.-Habitually gloomy, pessimistic mood, with feelings of guilt and unworthiness, versus cheerfulness and optimism.
D-Cycloid disposition--Strong emotional fluctuations, tendencies toward flightiness and emotional instability, versus uniformity and stability of moods, evenness of disposition.
8-Rhathymis.-A happy-go-lucky, carefrea disposition, liveliness, imp, ulsiveness, versus an inhibited, over-controlled, conscien tious, serious-minded disposition.

The Scorng Weights. The 175 items of the Inventory were rasined after successive tests of internal consistency of the taponses of 400 university students who were predominantly at 2efophomore level. The Inventory is therefore best applied to thilar individuals, and should give most valid resuits when tece is reasonable cooperation from the testees. The keys fos betors $\mathrm{S}, \mathrm{D}$, and C give all significant responses a weight of one wint and those for factors ' I and R weight 3ome response di ated Whats. The demand for simplicity of ecoring weigts was that unthe requirements of machine scoring. It was found as shown prighted scoring had immaterial effects upon reliabiity as show II the results.

Use of the Scoring Keys.-In scoring the Inventory, fint lay the transparett key for page one, factor $S$, upon the chlumn of responses. If the top and bottom of the key eoincide wifi the top and bottom of the thst booklet, with the three columss of 1 's in line with the three responses "Yes, ${ }^{2}$, No," then count the number of 1's that fall upon encircled responses. Repeat similarly for wther factors, and other pages, adding one or two. points for each significant response, as the key is marked. The geore in each factor is the total number of points.

Reliability of the Scores.-The reliability of scoring 8 ain in ventory of this type can only be estimated. A combination of alternate sixths of the items into two poois of approxia gave equal lists and a use of $.92,89, .91, .31$, and .89 for factors S , estimated reliabintes respectively in a population of 200 ( 100 men T, $\mathrm{D}, \mathrm{C}$, and R , resected at random from the criterion group. and 100 women) sevz group of 100 ( 50 men and 50 women) simiIn anly estimated reliabilities were: $.90, .84, .94, .88$, and .3 , lariy estimated Corresponding reliabilities in the same sample by lariy etively. Corresponding reliabilities in
respect Kuder-Kichardson ${ }^{2}$ method were $.92, .85, .90, .87$, and 91 .
the Kind

Correlations Among the Scores-Intercorrelations among the scoring keys oceur, as is usually true with inventories of this type. The factorial studies reveale as high as .50 . $\AA$ "nall corariong factors S, T, and D, rand R was also indicated. Frevions relation between factors $D$ and correlations of the five scorings experience has shown somewhat from one population to another, of this Inventory vary somewhal (the scores for R were reversed but the following table is typicai (aign): to yield consistency in algebraic sign):

|  | S | T | D | C |
| :---: | :---: | :---: | :---: | :---: |
| T | .15 |  |  |  |
| D | .49 | .15 |  |  |
| C | .33 | .14 | .85 |  |
| R | 54 | .21 | .36 | .02 |

Validity of the Scores-The determination of calilities of scores of personality tests is a most difficult problem. Goos criteria are universally lacking. This statomentant varieties of a situation realistically. There are two to its value as a muanurvalidity data for any test. One purtainal variables, in this instrnee ing instrument of certain psychological pertains to its value for prethe purported facters. The other pertains whase of living or andieting numan success or of the former type have more of ar other. Validity figures of
academic interest, though confidence in the test as such will depend upon them. Validity figures of the latter type will be derived from widely scattered sources, will have practical usefulness, and will be subject to interpretation and evaluation in the light of practical considerations apart from the test itself.

When rating-scale data (ratings by self and by others) were used as criceria, the validities of the scores for S, D, and R were of the order of .6, .5, and .5, respectively. Fistimates of the reliabilities of ratings by others based upon a very limited sample were of the order $.7, .7$, and .5 , respectively. Ratings for T and C factors proved to be too questionable to use as criteria.

The Inventory has been used in a wide variety of practical situations, chiefly in connection with counseling services in the following situations: high school and college personnel; penal institutions; family relations; hospitals for the insane; speech clinics; industrial plants; retail stores; in addition, in connection with a variaty of research activities. Many expressions concerning the usefulness of the scores have been made in private communications. Few publications have presented data that can be quoted to indicate validity for one purpose or another.'

Norms--In this revised Manual a new policy of presenting norms based upon recent statisticel developments will be followed. A common C-scale of 11 units, and corresponding centile (generaliy redundantly called "percentile") levels are given. Another change which should be noted is that the high ends of the scale (C-scale scores of 10 and centiles of 99) universally stand for the socially approved ends of the personality dimensionsextraversion on the one hand and freedom from emotionality on the other. The raw scoring scales were unchanged in order to avoid the production of new keys and the confusins that might result therefrom. The C-scale system normalizes all distributions. In view of no information to the contrary regarding the true form of the distributions, this arbitrary decision seems desirable for practical reasons. The percentages of the norm groups (after smoothing of cumulative źrequency distributions) which fall within each unit are as follows: $10,1 \% ; 9,3 \% ; 8,7 \%$ $7,12 \% ; 6,17 \% ; 5,20 \% ; 4,17 \% ; 3,12 \% ; 2,7 \% ; 1,3 \% ; 0,1 \%$. The norm tables are used by locating the obtained raw seore in its appropriate group and then reading the corresponding C-score. The corresponding centile position may also be read but in most cases it lies within a given range. A single centile value can be obtained by interpolation.

Three sets of norms representing different general age groups are given. It has been found by experience that different college groups yield results comparable to those provided in the first form of this Manual so they are repeated here in revised form. The three groups exhibit certain interesting trends related to age, most outstanding of which is a decreasing rhathymia with increasing age. When the Inventory is administered to prospective employees or to other groups in which there is motivation to make the best possible appearance, the norms given will not apply too well. Such individuals will appear in ranked order, however, so that their status relative to their group will be known. The ability of individuals to outguess the scoring key is often overrated but should always be taken into consideration as a possibility where personal motives are suspected as a factor.

Interpretation of Scores.-While high scales scores are generally regarded as the more socially desirable in these traits, exceptionally high scores may be indications of maladjustment in some kinds of situations. A person can be too socially extraverted, too extraverted in terms of thinking habits, too optimistic, too temperate in mood, or toc happy-go-lucky for his own good or for the comfort of others around him, depending upon the circumstances. Scores of 10, and sometimes of 9 should therefore receive some concern. In general, scores in the range from 5 to 7 are probably indicative of best mental health and ease. Scores of 2 and 8 at the other ends of the scales probably indieate need for corrective measures of some kind, depending upon the circumstances, and scores of 1 and 0 may indicate something bordering on the pathological. The pathological extreme of introversion has been regarded as the schizoid disyosition which borders on
schizophrenia. The pathological extreme of emotionality borden on the manic-depressive psychosis. It should be emphasized however, that low scores on any of the five factors are insufficient in themselves to justify any type of pathological diagnosis. use of The Guilford-Martin Temperament Profile Chart in con nection with the interpretation of scores is recommended. Its norms are based upon a composite of those presented in this Manual plus others.

Norms based upon 800 Senior High School Students (400 boys and 400 girls, Lincoln, Nebraska)

| C-Score | S | T | D | C | R | Centiles |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 | $0-2$ | $0-8$ | $0-5$ | $0-8$ | $69+$ | 99 |
| 9 | $3-5$ | $9-12$ | $6-8$ | $9-11$ | $64-68$ | $96-98$ |
| 8 | $6-9$ | $13-17$ | $9-10$ | $12-15$ | $60-63$ | $89-95$ |
| 7 | $10-13$ | $18-22$ | $11-15$ | $16-29$ | $54-59$ | $77-88$ |
| 6 | $14-18$ | $23-27$ | $16-20$ | $21-26$ | $49-53$ | $60-76$ |
| 5 | $19-23$ | $28-32$ | $21-26$ | $27-33$ | $43-48$ | $40-59$ |
| 4 | $24-28$ | $33-37$ | $27-32$ | $34-39$ | $37-42$ | $23-39$ |
| 3 | $29-33$ | $38-42$ | $33-38$ | $40-45$ | $30-36$ | $11-26$ |
| 2 | $34-38$ | $43-46$ | $33-42$ | $46-50$ | $24-29$ | $4-10$ |
| 1 | $39-43$ | $47-51$ | $43-49$ | $51-65$ | $16-23$ | $1-3$ |
| 0 | $44+$ | $52+$ | $50+$ | $56+$ | $0-15$ | 0 |

Norms based upon 388 University of Nebraska Studenis

| C-Score | $\mathbf{S}$ | $\mathbf{T}$ | $\mathbf{D}$ | C | R | Centiles |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 | $0-1$ | $0-9$ | $0-1$ | $0-5$ | $75+$ | 99 |
| 9 | $2-3$ | $10-15$ | $2-4$ | $6-9$ | $66-74$ | $96-98$ |
| 8 | $4-7$ | $16-21$ | $5-8$ | $10-15$ | $61-65$ | $80-95$ |
| 7 | $8-9$ | $22-26$ | $9-12$ | $16-20$ | $53-60$ | $77-88$ |
| 6 | $10-13$ | $27-32$ | $13-17$ | $21-24$ | $46-52$ | $60-76$ |
| 5 | $14-19$ | $33-38$ | $18-23$ | $25-31$ | $38-45$ | $40-59$ |
| 4 | $20-26$ | $39-44$ | $24-31$ | $32-38$ | $30-37$ | $23-39$ |
| 3 | $27-34$ | $45-48$ | $32-38$ | $39-46$ | $23-29$ | $11-22$ |
| 2 | $35-\approx 7$ | $49-63$ | $39-44$ | $47-53$ | $15-22$ | $4-10$ |
| 1 | $38-40$ | $54-57$ | $45-49$ | $54-59$ | $10-14$ | $1-8$ |
| 0 | $41+$ | $58+$ | $50+$ | $60+$ | $0-9$ | 0 |

Norms based upon 80 Adults
( 40 men and 40 women, aged 22 to 54 years, Los Angeler. Calic.)

| C-Score | S | T | D | C | R | Centiles |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 | 0 | $0-17$ | $0-4$ | $0-4$ | $63+$ | 99 |
| 9 | $1-3$ | $18-21$ | $5-8$ | $5-7$ | $56-62$ | $96-88$ |
| 8 | $4-7$ | $24-25$ | $9-13$ | $8-11$ | $48-55$ | $89-95$ |
| 7 | $8-12$ | $26-31$ | $14-19$ | $12-16$ | $42-47$ | $77-88$ |
| 6 | $13-19$ | $32-87$ | $20-26$ | $17-22$ | $37-41$ | $60-76$ |
| 5 | $20-25$ | $38-42$ | $27-30$ | $23-30$ | $32-86$ | $40-59$ |
| 4 | $26-30$ | $43-46$ | $31-34$ | $31-87$ | $25-31$ | $23-99$ |
| 3 | $31-35$ | $47-51$ | $35-41$ | $38-45$ | $20-24$ | $11-22$ |
| 2 | $36-39$ | 5255 | $42-49$ | $46-52$ | $16-19$ | $4-10$ |
| 1 | $40-44$ | $56-59$ | $50-53$ | $53-59$ | $14-15$ | $1-3$ |
| 0 | $45+$ | $60+$ | $54+$ | $60+$ | $0-13$ | 0 |

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6. In so
7. Do y
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15. Do y
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22. Are ciass
23. Do
24. Are
25. Are anyc
26. Are
27. Do
28. Are
29. Do plete

## itudents

83. In social conversations, are you usually a listener rather than a talker?
84. Do you like to have time to be alone with your thoughts? Tes
85. Do you find it difficult to go to sleep at night because experiences of the day keep "running through your head"?

Yes
87. Ave you inclined to take your work casually, that is, as a matter of course?
88. Are you inclined to avoid meeting certain people on the street (bill collectors and the like not included)?

Yes
89. Do you find it easy, as a rule, to make new scquaintances? Yes
90. Are you inclined to be quick and sure in your actions? ................................................ Yes
91. Are you troubled about being self-conscious?....................................................................... Yes
92. Do you often feel restless while listening to a lecture? ..................................................... Yes
93. Do you believe that people often misunderstand what you say?.

Yes
93. Do you limit your friendships mostly to members of your own sex?

Yes
95. Does your mind wander badly so you lose track of what you are doing? .........................Yee
96. Are you often in a state of excitement?

Yes
97. Do you dislike to talk about yourself, even to close friends? …..................................................
98. Do you prefer to be conservative in the matter of dress and personal appearance?.......Yes
99. Do you like to cliscuss the more serious questions of life with your friends? ....................Yes
100. Are you inclined to keep your opinions to yourself during group discussions (not
class discussions)? ....................................................
Yes
$\begin{array}{ll}\text { No } & 83 \\ \text { No } & 84 \\ \text { No } & 85\end{array}$
$? \mathrm{No}$
86


# THE GUILFORD-MARTIN PERSONNEL INVENTOkY I. 

Name.
Date.
Sex.

Nearest age (encircle): $\begin{array}{lllllllllll}13 & 20 & 25 & 30 & 35 & 40 & 45 & 50 & 55 & 60\end{array}$

Raw Scores: 0 . $\qquad$ Ag.
Co.

## C-Scores :

DIRECTIONS: Below you will find nome questions which are to be answered by eneireling either "Yes," "q," or "No." Read each queetion in turn, think what your opinion or your behavior has usually, bren, and draw a circle around the answer that best describes your behavior or opinion en "No." BE SURE TO ANSWR EVERY QUESTION. There is no right answer to any of these questions except the answer that tells how you think or feel about it.

1. Do you believe that each person is better fitted to sueceed in one kind of job than he is in most other jobs?
2. Do you believe it is more important for a person to like his work than it is for him to make a lot of money at itf. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Yes I No
3. Is a person likely to rise to the top in his kind of work if he is not suited to itf......... Yes ino 3
4. Do you believe that almost any kind of person can succeed in almost any kind of
job if he tries hard enough $1 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .$. Yes
5. Are most people yon know well suited to the jobs they holdi.......ther than one who
6. Do you prefer a supervisor who telis you clearly what to do rather than ......... Yes i No expects you to decide what to do nextf..................................................... som to avoid making the same
 7

7. Do you feel that there are too many useless laws which hamper an ind.................. Yes 1 No 8
8. Do you lack patience with the "shrinking violet" type of manq....................... Yes Yes 1 No 10


9. Do you feel disgusted when someone escapes paying the full penalty of the law ....... Yes i No 12
some technicality $1 . .$. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Yes
10. Do you frequently seek the advice of other people? ................................. Yes
11. When you are criticized does it disturb you badly $1 . . . . . . . . . . . . . . . . . . . . . . . . .$. Yes
12. Do you despise a "yes" manf..................................................... Yes
13. Do you find that very few workmen nowadays do a job job that you know perfectly
14. Does it bother you a lot to see someone else bungling a job that you............... Yes i No 17

15. Have you found that, in general, people higher up te................................ Yes ? No in . No
it for others to do?.
Yes
16. Are you annoyed when people tell you how you should do a thiagi............... Yes
17. Do you get upset rather easily?
18. Do you get upset rather easily ........................... Yes is reading your thoughts $1 . .$. ......
19. Are you ever bothered by the idea 1.at someonthing goes wrongf.
20. Do you have days in which it seems that everythin
Yes

Yes
1 No
23. Generall, $\nabla$ speaking, do you think the head of a firminessf.............................. Yes i No 24 ranks, thit is, having worked his way up humiliating experiences f
24. Are you anelined to worry too long over hat con Beverly Hills, calif.

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Raw
Scores

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 109 | 0 | 10 | 0 | 0 | $70+$ | 24 | 35+ | $30+$ | 48+ | 41+ | 71+ | $56+$ | $97+$ | 10 |
|  | 1 | $\begin{aligned} & 11 \\ & 14 \end{aligned}$ | $\begin{aligned} & 2 \\ & 5 \end{aligned}$ | 69 | $\begin{aligned} & 69 \\ & 6 \text { d } \end{aligned}$ | 2322 | 3433 | 2928 | 4745 | 4038 | 7068 | 5553 | 9684 | 9 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 | 4 | $\begin{aligned} & 15 \\ & 19 \end{aligned}$ | 6 | $\begin{aligned} & 10 \\ & 13 \end{aligned}$ | $\begin{aligned} & 63^{\circ} \\ & 58 \end{aligned}$ | $\begin{aligned} & 21 \\ & 20 \end{aligned}$ | 3230 | $\begin{aligned} & 27 \\ & 26 \end{aligned}$ | 4443 | 3735 | 6762 | 5247 | $\begin{aligned} & 88 \\ & 81 \end{aligned}$ | 8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | 711 | $\begin{aligned} & 20 \\ & 25 \end{aligned}$ | 10 | $\begin{aligned} & 14 \\ & 18 \end{aligned}$ | $\begin{aligned} & 57 \\ & 51 \end{aligned}$ | $\begin{aligned} & 19 \\ & 17 \end{aligned}$ | $\begin{aligned} & 29 \\ & 26 \end{aligned}$ | $\begin{aligned} & 25 \\ & 24 \end{aligned}$ | $\begin{aligned} & 42 \\ & 40 \end{aligned}$ | $\begin{aligned} & 34 \\ & 32 \end{aligned}$ | 8155 | $\begin{aligned} & 46 \\ & 42 \end{aligned}$ | $\begin{aligned} & 30 \\ & 72 \end{aligned}$ | 7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | 1217 | $\begin{aligned} & 26 \\ & 31 \end{aligned}$ | 1418 | 1924 | 5044 | 16 | 2523 | $\begin{aligned} & 23 \\ & 20 \end{aligned}$ | 39 36 | $\begin{aligned} & 31 \\ & 28 \end{aligned}$ | 544 | 4137 | $81$ | 6 |
|  |  |  |  |  |  | 14 |  |  |  |  |  |  |  |  |
| 5 | 18 23 | 32 37 | 19 | 25 | 43 | 13 | 22 19 | 19 18 | 35 33 | 27 24 | 48 42 | 36 32 | 64 54 | 5 |
| 4 | 2428 | 3842 | $\begin{aligned} & 26 \\ & 31 \end{aligned}$ | 3238 | 3730 | 11 | 1815 | 1713 | 3228 | 2320 | 4136 | $\begin{aligned} & 31 \\ & 27 \end{aligned}$ | $\begin{aligned} & 53 \\ & 45 \end{aligned}$ | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 2933 | 4347 | 3238 | 3946 | 2923 | 8 | $\begin{aligned} & 14 \\ & 12 \end{aligned}$ | $\begin{aligned} & 12 \\ & 11 \end{aligned}$ | 2722 | $\begin{aligned} & 19 \\ & 16 \end{aligned}$ | 3528 | $\begin{aligned} & 26 \\ & 22 \end{aligned}$ | 4435 | 3 |
|  |  |  |  |  |  | 7 |  | $11$ |  |  |  |  |  |  |
| 2 | 3439 | $\begin{aligned} & 48 \\ & 53 \end{aligned}$ | $\begin{aligned} & 39 \\ & 45 \end{aligned}$ | $\begin{aligned} & 47 \\ & 52 \end{aligned}$ | $\begin{aligned} & 22 \\ & 16 \end{aligned}$ | 6 | 118 | 108 | $\begin{aligned} & 21 \\ & 15 \end{aligned}$ | $\begin{aligned} & 15 \\ & 11 \end{aligned}$ | 2720 | 2117 | 3427 | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 40 | 5461 | 4653 | $\begin{aligned} & 53 \\ & 58 \end{aligned}$ | $\begin{aligned} & 15 \\ & 10 \end{aligned}$ | 4 | 75 | 7 | 14 | 107 | $\begin{aligned} & 19 \\ & 13 \end{aligned}$ | $\begin{aligned} & 16 \\ & 12 \end{aligned}$ | $\begin{aligned} & 2 t \\ & 96 \end{aligned}$ | 1 |
| 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0 | $47+$ | 52-1. | $54+$ | 59+ | 9 | 2 | 4 | 5 | 10 0 | 6 | 12 0 | $\begin{array}{r} 11 \\ 0 \end{array}$ | 19 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## THE GUILFORD-MARTIM TEMPERAMENT PROFILE CHART

## How to Use the Chart

For each trait indiccted by she lettor at the top of the column, find the class interval below in which the raw score for that particular trait falls and encircle in colored pencil or in ink the pair of scores representing thar class interval. When all the traits are designated on the profile in this way, a lise should be drawn connecting the circies for each nelyhboring pair of circles.

The C-scores (scaled scores) are indicated at the extreme left and right of the chart in an li-point scale, 0 representing tha loweet $1 \%$ of the 500 cases used in deriving these norms, 1 the nuxt $3 \%, 2$ the nexr $7 \%, 3$ the next $12 \%, 4$ the next $17 \%, 5$ (middle C -score) $20 \%$ of the cases, 6 the sext $17 \%, 7$ the next $12 \%, 8$ the next $7 \%, 9$ the sext $3 \%$, and 10 the highest $1 \%$ af the casus. Because the distributios of scores for trait Mis bimedal, C -scere 4 on the ctart fr-trait M reoresents $20 \%$ of the cases, C-score 5, 14\%, and C-score 6, 20\%.

## Interpretation of the Scores on the 13 Temperament Traits

## Frem Guilford's Inventory of Facters 5 TDC:

$\$-$ Social introversioa-Extraversion.-A bigh C-score indicates sociability, a tendency to suek sucial contacts and to anjoy the company of othern. A low C-score indicates shyness, a terdency to withdraw from social situaticas and to be seclusive. A high C-score is more desirable for mental health than is a low J -score. A very low C -score on S indicates a need for guidance directed towsrd increased social narticipation.
T-Thinking Introversion-5xtraversion. - A high C-score indicates a lack of introspectiveiess and an extrovertive orientation of the thinking procerses. A low C-score indicates an inclination \%o meditative thinking, philosophizing, analyzing one's self and othens, and an intrespective disposition. The middle range of C-score is more desirable for mental health than either extreme on trait T. Gach exireme, however, may heve its value for certain types at occupation.
D - Depression.-A Ligh C-score indicates freedem from depression, a cheerfal, optimistic disposhisn. A low C-score indicates a chronic 3 落y fepressed mood iacluding feetings of unworthiness cod suile. The higher the C -score on trait D , the better is likely to be the emotional adjusfencet of the individual.
C-Cycloid Disposition.-A high C-score indicates stable emotional reactions and moods, and freedom from cycluid tendencies. A low C-score means the presence of cycloid tendencies as shown in strong emutionai reactions, fluctuations in mood, and a disposition towrrd flightiness and instability. The higher the "-score on trait C, the better will be the emprional adjustment of the individual, except that scores that are too high mac ieficate a cole ass, inert individual.
R - Rhatbymia.-A high C-score indirates a happy-go-lecky or carefree disposition, liveliness, and impulsivenesr. A low C-score indicates an inbibited disposition and an oyercontrol of the impulsua. Boft extremes of C -scores may represent psychological maladjastments and a C -score is the middle range is desirable for mental hecifte.

## From the Ouilford-Martin Inventory of Factors GA MIN

G-General Activity, - A higt C-score indicates a tendency to angage in vigorous overt action. A low C-score indicates a tendcacy to inertness and a disinclination for motor activity. san extremely high C -score on trait G may represent a manic tendency while ar eatremaly low C -score may ba as indication of a hypothyroid so vition or othsr causes of inactivity. Thus, for good mental health a C -score on G in the middle range is esually most desirable.
A - Ascendance-Submission.-A high C-score indicates social leadership and a low C-scere sociat passiveness. Troc C-score of a person on trait A must be interpreted in the light of his other characterifics of temperament as sthown on the profile chart, and ne general rule can be set forth as to what C-scores on trait A are most desirable for mental heaith. However, there is amphas is in our culture oz the gencral dosirability of a high C-score on trait A. Females tend to have distinctly lower C-scores on A than do males.
M - Masculinity-Famininity,-A high C -score on this trait indicates masculinity of amotional and temperamantal malko-up and a low C-ccore indicateu fumininity. The C-scores of the majority of males are above 5 and the majority of females have C -scores below 5 . Malss whose C -sceres are very low are sometimes found eifher : lack their full quota of male hurmones or to have an oversupply of female horm ves.
I - Inferiority Feelings.-A aigh C-score indicates self-confidence and a lack of inferiority feelings. h low C-score indicates a lach of confidesce, undorevaication of one's self, and feelings of inadequacy and inferiority. The higher the C-score on trait I, the better for mental health, with the iceepilon of a investigation nar reveal a supariority compensaticn ior hidden inferiority feelings. Many paychrecurotias have wery lew C-scores on trali f .
N - Nervousness. - A high C-score indicator a tewjeacy to be calm, wnrutfled, and relaxed; a low C-score indicates jumpiness, jitteriness, and a fendency to be easily distracted, irritatet, and annoyed. The 'igher the C-mcore on tycir N , the better for mental health unlesa there are clinical indications that an overly sluggish and forpid condition is the basis for an extremely high C -ac are. Extremely low C -scoras in some cases may involve a lack of calcium in the blood. In many cases, a muntal conflict may be the basis for the amotional tension expressed in jitteriness and irritability.

## From the Guilford-Martin Persennal Inventury I

0 - Objectivity, - A angt C-ticore 0 . Sis trait indicates a tendency to view one's seif and surmundings objectively and dispassionately. A low C-sc ree indicates a tendency te take everyithing perwitaily and subjectively and to be hypersensitive. The Nigher the C -score on trait O , the better for mental health. Patho. logical cases may develop peranoid ideas of refe-ence and delusions of persecution.
a willingness to accept things and people as they are and a generally tolerant attitude. A low C-score indicates an overcriticainess of pesore ar: 1 things and an intolerant citituda. The higher the C -score on trait Co , the better for mental heaith waless the C -score on G or clinicsl sigas ip ficate a torpid and sluggish condition to be the basis of the lack of criticainess. Overcriticalness is often a sompensation for hidden fentings of insdearacy. Pathological cases may exhibit a paranoid projection of their conflicts and impulses.
Ag-Agreeableness.-A hish C -sc ve indicater an agreeable lack of ruarrelsomeness ard a lack of domineering qualities. A low C -scere indicates a belligerent. domineering p'titude and an cyerreadiness to fight over trifles. Very low scores on trait Ag indicate an extreme craving for superiority as an wad in itself developed as a compeusation for some chronic frustration and in pathological casses may lead to paranoid delusions of giandeur. If is possible thal a sadistic componant may occur in some of the pathological cases. Further investigation should be made of the poychological sing behavior is industry. C-scores on traits $\mathrm{O}, \mathrm{Co}$, and Ag , as the paranoid ares of temperament which they cover is predisposing toward trousiomaki marriage, and other social sifuations.
70. Are most people thoughtless of the rights of others 1 ..... Yes ..... 69 ..... Ne ..... No71. Are you concinually comparing yourself with other peoplet70
72. Do a lot of people you have known tend to form "cliques" or closed groups? ..... es ..... es
lo "or ..... Nodefendhimseli deserves to "take a beating"'
74. Do you find that generally if you want a thing done right you must do it yeurseift. . Yes71
75. Can a person get ahead by his own efforts if he does not leok out for himself ..... Yes 1 No 35
every turnt. ..... Yes

- Do you consider yourself a rather nervous person 1 .
- Do you consider yourself a rather nervous person 1 . 16. Do think your gent7277. Do you think your generation has as many opportunities for suecess as your parentsYes 1 No 77
generation had! 8. Do other people pay more attention to your coinings and goings than they shouldt... Yes ..... No 781 No 73

79. When things becoule dull do you feel the urge to stir up some excitement Yes ..... y
80. Do you think the educational system in this country is seriously wrong in many
81. Do you think the educational system in this country is seriously wrong in many respects? 81. Do you usually receive criticisns of yourself without resenting itf. ..... Yes ..... 1 No 80 ..... 1 No 80
No 8
82. Have you ever found out that a person who was supposed to be an expert did not
know as much as you did about something $\uparrow$ 83. Is there anyone you know personally ..... No 8284. Are there important changes yor would make immediately in your manner of living ifyou could have a substantial increase in incom6?....................................... Yes84. Are there
you could have a substantial inerease in income 1................................. Tes
83. Do you think that most people are overpaid for what they renly contribute to society YesNo 841 No 85
84. In most situations is it all right to conceal the truth when by doing so you give aid ..... Yes
1 No ..... 86to a friend!.
85. Have
86. Have
87. Are you as quick as other people to pay complimeats when they are deservedf...... Yes 89. Do people frequently talk about you behind your back $\uparrow$.......................... Yes 90. Is it almost unbarable for you to see a close friend or relative suffering intense painf. Yes
orders? ..... 1 No ..... 1 No 89 ..... 1 No 90No82
88. Ts it true that people will generaliy have contempt for a person who does not assert Yes
89. Can most people be trusted completely 9 .
90. Can most people be trusted completely 9 . 94. Do you derive considerable satisfaction from making other people do as you wain Yes ..... 1 No ..... 94
them tol1 No91
91. Is it true that people wil
himself once in a while?. ..... Yes ..... Yes
92. Have you known many "two-fac? ${ }^{\text {" }}$ individuale personally $1 . . . . . . . . . . . . . . . . . . . . .$. . Yes 92. Have you known many "two-fac?d" indI No 92- No 9395. Do yon bolieve that all public office holders sooner or later look out for their owninteresss firsti. ...............................................................
93. Should the government take over move and more the manag................. Yes
business?
94. No ..... 95
95. Are your feelings rather easily hurt 11 No 96
96. Generally spepking, do you believe that penpla use a veneer of politeness to cover..........................1 No 971. No 98up what is uszally "cutthroat" competitior f..............99. Do you usually get more than your share of the blame wider doing because they are98

+ No
No ..... 99
1 No ..... 100

100. Are thera many kinds of work that $y \varsigma u$ would not consider dois $g$......................................................... 10. beneath youi. ..... Yes
 ..... 1 No 102 ..... 1 No 102103. Have you often felt that cer in persons are secretly thying to an easy one that is
101. Would you prefer a hard job that is very interesting to an easy
uninteresting $\uparrow$regard you as an inferior!.
102. Have you frequently become involved in conflicts in defense of your friends or Yes1 No 106
members of your femily 1............................................................ Tes ..... 1 No 107
103. Is it difficult for you not to
104. If you could have your way about it would you change a lot of things abou .................... it ..... 1 No 108nature?
105. Are many or your supposed friends really insinceref................................. Yes
106. Do many people think you are "hard-boiled"'....................................... Yes \& No 110
107. Does everything that happens seem to have a relationship to your own life or experiencef........................... domineering that you want to do the opposite of
108. Do some people beeome so bossy or domineering that you wan to................. Yes

109. Do other people when it ssems that everyone is against you $1 . . . . . . . . . . . . . . . . . .$. . Yes
110. Are When criminals make a daring escape from prison do you sometimes secretly hope
111. When criminals make a daring escape from prison do you $\ldots \ldots \ldots \ldots \ldots \ldots$..................... that they will avoid capture?

I No 111
1 No 112
I No 118
1 No 14
1 No 115
I No 116
116. Do yeu sometimes feel convempt for the opinions of others $1 . . . . . . . . . . . . . . . . . .$. . Yes
117. Does it bother you to have other people tell you what you should dof................. Yes
118. Do yon often feel that you are left out of things, perhaps unintentionally, in group astivities?.

I No 117
| No 118
119. Is it difficult for anyone to impose upon you for the reason that you are usually wise to their intentions?
120. Does the United States Government owe every one of its citizens a decent living 1... Yes
121. Is the person who carelessly leaves valuable property lying around as much to blame as the person who appropriates it for his own usef........................................
122. Have some people criticized you wijustly to others $1 . . . . . . . . . . . . . . . . . . . . . . .$. . Yes
123. Will most people in business bear cluse watching when you re dealing with themi... Yes
124. Are you deserving of things far better than is your present loti..................... Yesthe fear of being eaught $\dagger$
126. When you lose something do you often begin to suspect someone of either heving taken it or having misplased itf.
197. Do you think that most people who allow themselves to come under the rule of a dietator are to blame for their plight 1.
es 1 No 128
I No 187
I No 220
1 No 129 for the purpose of organizing a mass protest?

Yes
129. Were you ever seriously donble-crossedf..............................................................

Yos
180. Do you believe the parole system works more to the advantage of the prisoner
than to the advantage of society?............................................................

I No 130
131. Do you tend to let people run over you more than you should for your own goodi.... Yes
132. Have you frequently felt like telling "nosey" people to mind their own business ?.... Yes
133. Have you often found it necessary to stand up for what you believe to be right f . ..... Yes
134. Do you usually seek to become an officer in any organization to which ycu belongi.. Yes
135. Were you ever so deeply in debt that you did not know where the money was coming from to pay what you owed?.
136. In group undertakings do you uspally manage to have your own plans put into effect!. Yes
137. Do other people often blame you for things unfairly?

1. No 181

1 No 132
: $\mathrm{No}{ }^{138}$
P. No 134
\& No 135
1 No ${ }^{136}$
137. Do other people atten blame you-fings unfairly..........................
138. In most cases is it important to get what you want even if you have to corve into confliet with other people in order to get it?
139. Have other people been too ready to accept credit which rightfully belongs to youf.. Yen
140. Do you sometimes feel sorry for all the people in the world?.
141. Have you had more than your share of hard luck?.
142. Do other paople often try to put things over on you when you are not watching f.... Yes
143. Is there any person whom you would particularly like to "put in his (or her) place"9. Yes
144. Do you believe that most people require someone to tell them what to dof.......... Yes
145. Is there any piece of music that usually makes you weep when you hear it?.......... Yes
146. Are people in general out to get more than they givel.............................. Yes
147. Do you oiten find it necessary to return merchandise to a store because it turns out to be not as representedi.
148. Do people near you sometimes whispar or look knowingly at one another when they think you are not noticing them?

1 No 14
I No 148

- No 14

149. If someone rudely crowds ahead of you in line, do you tell him where he belongsf.... Yes
150. Have you marked an answer ("Yes," " $\uparrow$," or " No ") foz every one of the above questions?

Yes

Author Baehr Melany Erna
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