## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

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## SAMPLE QUESTIONS FROM PROJECT MERCURY TESTS

Here are samples of questions used to gauge the ability and evaluate the personality of Project Mercury aspirants.

These questions were prepared by the Psychological Corp. of New York, N. Y., which furnished a number of written tests used in the Mercury astronaut selection program.

In the ability test sampling, correct answers are underscored.

The personality questions, however, have no correct answers. The same is now for the sentence-completion questions. The responses help the psychologist in making a personal evaluation.

The first two sets of questions are similar to those in the Millor Aralogies Test and the Minresota Engineering Analogies Test.

Directions: Look at the first analogy item below. You read it thus: LIGHT is to DARK as PLEASURE is to? The correct answer among the four choices is pain, so c has been underlined at the right. In each test item find the word which completes the analogy and underline its letter (a, b, c, or d) at the right.

LIGHT: DARK:: PLEASURE: (a. pienie, b. day, c. pain, d. night) a b e d

## Miller Analogies Test

L. LAUGH: (a. joke, b. cry, c. grin, d. humor):: a b c d

2. RECOVER: (a. bottle, b. correct, c. rescind, d. renew) :: RECOUP: RECTIFY

a b c d

3. FICTION: (a. memory, b. fact, c. novel, d. imagination):: AUTOBIOGRAPHY: RECALL

a b c d

REDUNDANT: REPETITIOUS:: (a. non sequitur,
b. false premise, c. recurrence, d. precondition): FALSE CONCLUSION

a b c d

#### Minnesota Engineering Analogies Test

1. TRASS: ALLOY:: IRON: (a. compound, b. element, a. steel, d. rust) a b c d

2. COMDUCTANCE: RESISTANCE:: MULTIPLY: (a. inbegrate, b. magnify, c. divide, d. differentiate) a b c d

3. RODY: PANSIOLOGY:: TRIANGLE: (a. astronomy, b. algebra, c. calculus, d. trigonometry) a bed

i. VACUEN TUBE: THYRATRON:: CONTINUOUS: (a. altarnation, b. regular, c. discrete, d. diminishing) a b c d

Wales lost it as are similar to those in the Doppelt Mathematical Researing Took.

Directions: Rach problem in this test consists of five mathematical figures or expressions. Four of these have something in common which is not shared by the remaining one. You are to choose the one figure or expression which does not belong with the other four and show your choice in underlining it.

1. (A) 15

2. (A) circle

(B) 25

(B) ellipse

(d) 125

(C) parabola

(D) 31,

(D) square

(E) 62

(E) triangle

3. (A) 7:49

4. (A) x + y = 12

(3) 6:35

(B) 2y = 2x + 5

(c) 5:23

(c) 3y = 7 - 3x

(D) 4:15

(D) 5y + 5x = 9

(D) #: (O

(E) 4x = 5 - 4y

(E) 3:12

# Minnesota Multiphasib Personality Inventory

Directions: Read each statement and martrue or false as applied to you. If a apply to you, omit it. Try to mark ever	statement o	
1. I often worry about my health.	True	False
2. I am often unhappy.	True	False
3. Sometimes I feel like dursing.	True	False

4. Strangers keep trying to hurt me. True False

## Incomplete Sentences

Directions: Complete these sentences to express your real feelings. Be sure to make a complete sentence.